As well as offering maximum pack stability, the six colour flexo printed stretch sleeve offers a significant print area for maximum shelf impact. The impact of the

sleeve on a 3 x 2 litre bottle pack is much greater than that created by labels on three separate containers, says Smurtit (Bolton Street, Radeliffe, Manchester M26 OSR - tel: Q61-724 5403, fax: 061-724-6416). Handles can also be printed for further promotional options.

High shelf impact Smurfit believes that the com-

bination of high shelf impact, the convenient carry handle and the favourable ecological considerations will prove suc-

cessful in the UK. As well as the initial shelf impact, the sleeve also ensures that the sales message is always oriented towards the consumer. On the carry bandle, Smorfit cites ease of handling for both the retailer and consumer as benefits offered.

In terms of environmental issues, the multipack weighs only a few grammes, while at the same time offering the chance for further material savings by reducing the size of the primary product label.

TINY INKLET

2.5mm wide.

and large keys.

Continued from front page being used, Pinpoint can improve the quality of print,

says Domino, giving what the company calls "near letter quality" resolution. An output

of 2400 characters a second can

be achieved assuming speeds of 369m a minute on characters

Activated by a single key-

stroke, start up and shut down are fully automatic. The sys-

tems incorporating Pinpoint

have an integral control panel

with a liquid crystal display

Domino now works from a

The automatic in-line ponents are the sleeve and hanapplicating machinery can run dle module. The sleeve module provides product grouping and at speeds of up to 90 a minute on a 3 x 2 litre bottle format sleeve application, while the head on the handle module is and 65 a minute on 2 x 2 litre key in its application. versions. Speed varies depending on the size of container

and format of the cluster, but

the maximum capacity on the

standard machines is 120 a

minute. Twin lane versions can

Equipment is designed and

built in modular form with

various configurations avail-

able. In essence, the main com-

colours in a quality finish for

shelf impact, is among key fea-

tures of a Bowater PKL Com-

design for Rub -

icon Exotic'.

Rubicon

guava to its

range of pas-

sion fruit and

mango juice

drinks, with a

redesign

along the lines

carton for the

existing prod-

ucts, all in one

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ed to update

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rogress House, 404 Brighton Road, South Croydon, Surrey CR2 6AN

fruit juices.

also be supplied.

"Transparent tape attached to a strip"

The transparent, self adhesive tape that comprises the handle

the JFW agency, and aimed to

maintain the strong colour product requires shaking by

coding, also used in promo- consumer before drinking I

strip on the underside which there are various maal options other than boar According to Dunn System efficiencies can be improved configuring the lay out will optional free standing har: feeder, including an autom. splicing device for tape in and long range board store.

For further K8 Call for information 142 0839 7 SMURFIT PACKAGING:

Redesign gives colour impact to fruit juices THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES

## **End of line solution** for teabag cartons

A compact U-card and stretchwrap system from Sollas is providing Dutch manufacturer Douwe Egberts with a costeffective end of line solution for teabag cartons, with particular benefits for retail display.

The Cor

through cash

selected major

sizes avail-

give a better Seven Sollas Cartostretch looking prof machines operate at Douwe Egberts' tea plant in the north of the Netherlands, and anoth-

the company's factory in Budapest. Originally, hand packing of cartons into cases had been used. "We consulted with marketing as to whether we should stay with corrugated boxes, but they wanted something more for display,' explains planning and produc-

tion manager Hidde Risselada

tions are hand palletised.

According to Douwe Egberts, the machines will turn out ten collations of 12 cartons a minute. Cartostretch will also wrap collations of 24 boxes, with a changeover time of around 20 minutes, says the manufacturer. Separable

Continued on back page

plies leaving polymer stock levels in Western Europe at their lowest for more than a year." Pifa estimates that the plasties films industry will be facing a minimum increase of 25 per cent, rising to almost 50 per cent for pvc. A similar situation exists for the rigid container market and across pet, pp. hdpe, ldpe and pe, with various double figure increases going

Raw material prices across all

sectors are set to rise again this

Autumn as a result of demand

outstripping supply in many

As Jim Pugh, chief execu-

tive of the Packaging and

Industrial Films Association

says: "The buoyant economics

of the United States and coun-

tries around the Pacific rim are

drawing in raw material sup-

through each month. For polystyrene, the current supply problems with the monomer are predicted to last well into next year, and further huge price hikes are expected by some producers to be expe-

Material prices set to rise again

spokesperson told PN

like agricultural products,

prices are dependent on harvest

and demand, an industry

experienced in the paper and

board, metal and even wooden

pallet industries. There has

been a rapid escalation in waste

paper and pulp prices through-

out the summer, and these are

now being passed on at around

£50 a tonne for folding

boxboard products. In the met-

als market, timplate increases of

between 6 and 12 per cent were

escalating shortage of timber is

now impacting on buyers of

timber pallets and packaging-

the worst for twenty years.

Purchasers of pallets and

packing cases will soon face

price rises of more than 25 per

cent and suffer growing short-

ages of pallets, says the UK

Timber Packaging and Pallet

Confederation (Timcon).

The rocketing price and

imposed earlier this year.

Similar price rises are being

Paperboard seminar 26
A seminar next month will look
into the future of paperboard over rienced well into 1996 Commodity plastics are

Marketing for the Far East

WHAT'S

Moulded pulp for hardware in transit 38

Circular barcode

Orientation problems on automatic scanning are a thing of the past, says the supplier, with the return of circular codes.

医医双孔角切除医憩 PPMA Exhibition preview

A guide to the best of equipment to be shown at the show later this month in Birmingham's NEC.

Pvc, rescalable bags and the very latest in plastics packs are among the areas covered. REGULARS

Company News

CLASSIFIED ADS start on page 83

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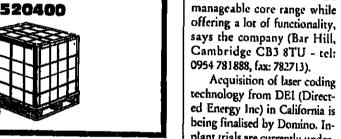
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**VEEBOARD** 



ed Energy Inc) in California is being finalised by Domino. Inplant trials are currently underway in the UK with the small, flexible dot matrix system. The technology is said to be especially suitable for the brewing, cosmetics and pharmaceuticals industries. Domino expects that the range of equipment will initially be limited.

For more labelling, coding and marking news, turn to pages 22 to 31.

the mango and The bright, eyecatching design reflects the exotic image of the juices passion fruit packs with a bright, eyecatching design which reflected the exotic images of the juices. Bowater's high quality five colour rotogravure press allowed us to do this quickly and cost-effectively," says Vish Vekaria, director of Rubicon.

are much more vibrant.

tional campaigns, across the range. According to Rubicon marketing director Sheila Tarring, the carton has a distinct quality feel to it, and the colours on the redesigned pack

able with Combiblee give more design options, says Bowater PKL (Blackthorn Way) Houghton-le-Spring, Tyne & Wear DH4 6IN - tel: 091-385 3131, fax: 091-385 4713).

**PPMA** 

Combibloc is especially

The oil in the

machine...

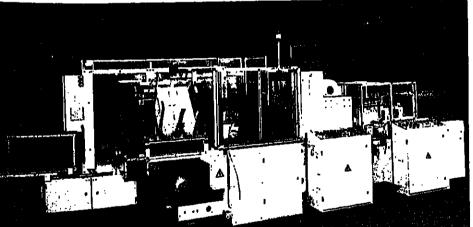
The Premier Machinery Show for

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27-29 September 1994

bu Friendly Shows

THE  $P_{c}$   $P_{c}$  M A



Solias Cartostretch machine: seven are operating at Douwe Egberts' tea plant in the Netherlands

# Modified levy proposal angers many converters

worth to fund the Producer Responsibility Group (PRG) Valpak scheme (see PN August) has naturally angered many converters who fear that they will be forced to absorb the full force of the levy as Packers/fillers and retailers either fail to register with the scheme, or absorb the levy into the price but negotiate it away n price discussions.

In addition, there seems to lave been scant discussion so lar on the proposed interim measure of a shared burden levy (see page 10). More worrying, the PRG has yet to for-

The modified converter levy mally adopt the levy scheme. Proposed by Sir Sydney Lip- Christopher Stewart Smith PRG chairman tells PN that this is likely to happen at the beginning of the month when a unified position will be taken and talks with the government will begin.

"More time to respond

Given the report's late arrival, the consultation period has now been extended to September 9 to give companies more time to digest and respond to the complicated levy scheme, which has been described as "a

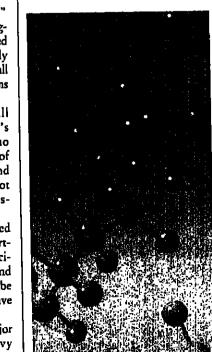
good old British compromise." Without underpinning leg-

islation the scheme is doomed to failure, a point emphatically endorsed by Sir Sydney and all those whose made submissions to him (see PN July). Undoubtedly, few will disagree with Sir Sydney'

statement that "There is no levy point that is capable of satisfying all objectives and criteria and which does not have serious flaws and disadvantages. " The reaction is polarised

between retailers and converters. A number of crucial decisions have yet to be made and industry opinion seems to be that more people should have a say before they are taken.

Policing the levy is a major issue. "Essentially the levy gives packers/fillers and retail-Continued on back page



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PACKAGING NEWS/AUGUST 195

THE DAGES FOR PACKAGING PRODUCTION & PRINT PAGE 61

AZLON

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The impact of raw material price increases are now being felt more and more by most sections of the packaging chain. Although polymer price rises are the most dramatic at the current time. converters of other materials are now also finding that raw material costs are escalating.

This is not to say that most of the larger companies are getting some of the increases through, but some offthe-record comments to this office have been more along the lines of this year's negotiations being 'uniquely difficult'. Indeed, it is common knowledge that certain fillers/retailers have been actively looking for price reductions throughout 1994.

Now this is not to say that converters and some fillers are just whingeing about their lot. Some are in fact, quite bullish about their success in this current round of negotiations. The magnitude of the increases, especially in the plastics field, have shocked the industry as a whole, PN is told, which has in fact made it easier to justify a raw material price increase to fillers/retailers.

No one likes price increases, no one wants extra costs, but the margins in the packaging industry are nowhere near enough to be able to absorb a 30 per cent rise in base material costs. As Jim Pugh, chief executive of Pifa says: "An understanding of the severity of the situation by major users and their acceptance of unavoidable cost increases is essential if they wish to retain long-term choice within the market."

Some converters talk of the situation becoming 'dangerous' in terms of number of suppliers. There are of course, always companies that are willing to buy volume, but again, the sheer size of a lot of the increases cannot be absorbed for long, even by the companies swallowing the current ones. This is especially so now, post-recession, as any fat that may have existed, certainly does not apply now. All of the possible trimming has been completed. Surely it is in retailers' own interests to keep supply options open, anyway?

The power struggle going on between packaging converters, fillers of own-label and branded goods and retailers is surely one that has to be resolved soon. How, for instance, does the 'no price increase' policy of the retail groups fit in with the latest PRG report? (see page one), let alone raw material costs?

The bottom line in all of this is that although customers are currently getting the prices that they want, it is going to be at the expense of tomorrow's innovation. The supply problems now being faced in the polymers business is down to a lack of investment during the recession. When retailers demand an allsinging-and-dancing pack in three years time, what will the converters say? We

had no money for investment in 1994? Commonsense may yet still prevail...

## Leaflet label boosis beer

A point of sale promotion offer designed to work just as effectively in either a major supermarket or corner shop, is being used to boost sales of Whitbread's Boddingtons Draught in cans.

Key to the promotion is a 14-page rescalable Labeltext leaflet label - attached to the can lids - which details the offer.

"We were looking for a nedium that would work equally well on a single can or a pack in any retail situation," says Chris May, marketing manager at Whitbread.

"It would have been difficult to communicate the amount of information we needed on a can and using outer boxing would have been expensive," he says. "The beauty of this promotion is that all the information is essentially contained in the label."

The promotion invites consumers to collect ring pulls from the cans and send away 100gsm white art paper with



#### The Labeltext leaflet label is printed four colour, to match the cans

for free CDs, videos and books. The leaflet label is produced and printed four colour process, to match the black and gold on the Boddingtons cans by Labeltech Ltd (Crittal Road, Witham, Essex CM8 3BJ - tel: 0376 501 [44, fax: 510979).

The 50mm diameter leaflet is printed offset litho on

the one colour sealing strip printed rotary letterpress. It is positioned on top of the can and covered by a reusable gold plastics lid stating 'inside'.

Printed on the can, immediately below the lid, is lettering announcing the promotion and also the freephone number.

be altered by handwheel.

"This is a particularly wide

size range which we believe

has not been available previ-

ously on a single machine,"

says Michael Kane. "As a

result, drinks and dairy com-

panies, especially those

involved in contract work, can

erect a full range of boxed

## Bag in box erector covers all sizes

A bag in box erector which covers virtually the entire size range of boxes used for bags of wine, dairy products, cordials, syrups and soft drinks has been introduced by Kanepack, part of

Howden Packaging Equipment. This allows a single machine to handle the range of box sizes from 2 litre consumer packs to 10 litre catering and pub trade sizes.

The Kanepack Model K5 bag in box crector operates at speeds of up to 18 to 30 boxes a minute, depending on size, chain system allowing pitch to

which extends from around 120 x 100 x 200mm for 2 litre bags and up to 250 x 200 x

utes, says the company (Kanepack Works, Aintree Road, Perivale, Greenford, Middx UB6 7LA - tel: 081-998 4404, fax: 081-991 9204). It involves fitting just one change part, the platen at the end of the pressure ram. Conveyor flights are carried on a four

quickly and automatically. 280mm dimensions of boxes With an output of 30 x 2 for 10 litre bags. litre boxes a minute, the Size change takes 10 min-

Kanepack K5 is able to keep pace with four or five single head fillers, explains Mr Kane. Alternatively, the speed of the machine and its fast changeover can be employed to build up small stocks of various sizes, virtually on demand, for complete production flexibility.

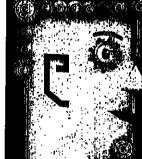


## PPMA show expects 6000 visitors

Nearly 200 machinery companies will be exhibiting at the PPMA Show at the NEC. Birmingham from 27-29 of this month (not in November as we reported last month).

For the second year running it will be a members-only show and around 6000 visitors are expected through the doors.

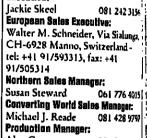
"Visitor levels are going to c helped by a record number of new machines at the exhibi-



view PPMA as the most important event for product launches because of the dedicated theme of calibre of visitor," says Andrew Manly of the PPMA (Progress House, 404 Brighton Road, South Croydon, Surrey CR2 6AN - tel: 081-681 8226, fax: 081-681 1641).

tion as many companies now

Our preview starts on p.12.



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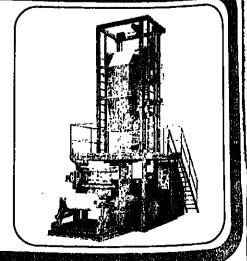


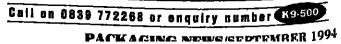
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## Carbonated drinks in multi format

Unipart is putting its lubricating products into recycled plastics

stay as before, specified to the

same performance levels. For

this reason, the changeover has

It is now policy to encour-

Designed by a process of continuous

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thirty years.

the use of recycled material

by supplying packs with a per-

centage of per for the same price

as those in virgin plastics, says

Plysu (Woburn Sands, Milton

Model FDZZ50 which has

been supplied by Comag's UK

agents, Dunn Systems (Smisby

Road, Ashby-de-la-Zouch,

Leics LE65 2UR - tel: 0530

414444, fax: 411110). "We have

been involved with the devel-

opment of this system, and the

result is a very flexible machine

that offers no production con-

straints," says Mr Maher.

Canterell & Cochrane (C&C) will this month launch several brands of carbonated soft drinks - including Club Orange, Club Lemon and Pepsi onto the Irish market in the Decopack multipacking format.

According to Francis Maher, manufacturing engineering manager at C&C, the Decopack multipack provides the biggest consumer benefits ever offered to the Irish market in terms of value for money and consumer convenience.

"The stretch sleeve and handle combination that makes up the system, offers superb graphics with very real convenience for the shopper," Mr Maher tells Packaging News. "The 2 x 2 litre bottle pack is actually easier to carry than a single 2 litre bottle." Recycled hdpe for lubricants

Lubricating oils from Unipart

International are being packed

in bottles with a recycled hdpe

content, with containers sup-

plied by Plysu Containers for

the same price as all-virgin

All Unipart's lubricating

products from 500ml to 5 litres

are now being packed in recy-

cled materials, and primarily

plastics. Chief among its sup-

pliers is Plysu, which recently

agreed to take all the hope con-

sumer waste collected by Mil-

ton Keynes Borough Council

(see PN Aug '93), washing and

regranulating it for its own use.

more recycled packaging was

accelerated by the news of the

agreement between Plysu and

the council, says the company.

Now, the bottles for Unipart

are the first to be blown using

Plysu's new source of recyclate.

colours of the containers will

Both the shape and basic

Unipart's decision to use

equivalents.

The Comag equipment is the first multipack facility installed at C&C and, because it is an individually controlled, twin-lane version, continuous production is guaranteed. It is integrated into an existing bottling operation and has been designed to feed products to either the Decopack system or directly to an existing, high speed shrinkwrapper. The Decopack machine is

Decopack comprises two or more bottles, which are held together by a special grade of polyethylene stretch sleeve manufactured by Smurfit Packaging Products (Bolton Street, Radcliffe, Manchester M26 OSR - tel: 061-724 5403, 061-724 6416), which also supplies the carry handle (see

Packaging News August 1994). At C&C, 14 different bottle formats are possible, involving 1, 1.5, 2 and 3 litre sizes.

DUNN BYSYEMS: SMURET:

Keynes, Bucks MK17 8SE - tel: 0908 582311, fax: 585450). Traditionally, packs with recycled content have cost more.

While the material is collected by the council, Plysu has control over the washing and granulating, even though this too takes place at the Milton Keynes MRF (materials reclamation facility).

"Having complete control over the quality and colour gives us a commercial advantage. So far it is proving easier to blow perfect bottles using the MRF recyclate than when we sourced from several different suppliers," explains technical director Brian Haigh.

The company can, for example, plan runs of single colour pe, and so achieve high quality pigmented recyclate.

Plysu is taking all the recycled hope from the MRF, and expects to gain around 1000 tonnes from the first year, possibly rising to around 5000 tonnes a year.



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All you have to do is turn to our reader service card situated between pages 40 and 41 to find out more details. Just fill in the answers and return them to Packaging News or take them along to PN's or Prestek's stand at the PPMA exhibition. The lucky winner will be announced at 4pm on the last day of the show. Good luck and happy motoring...



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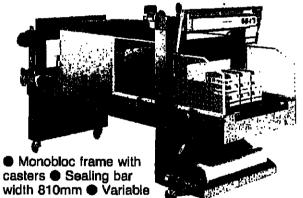


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## Shrink system economy

looking closely at an infra-red system using energy from a re-emitter source, said to offer economies on space and energy and an ability to give qual-ity results with complex

The technique, licensed by Double R Controls from EA Technology in the US, uses infra-red energy which is said to optimise energy transfer into the shrink film. Interest has been expressed in the system by WR Grace Cryovac, which will be carrying out fur-ther research at its Milan tech-

Blowmoulded pet bottles for

flavoured Scottish mineral

volume product launch can

benefit from the production

vated or across the

Blowmould design system boosts pet bottle success

Energy comes from a short- Alastair Wiles sees potential in

plas, says the company. The launch of Clearly

Scottish mineral water was

made feasible, despite the pro-

ducer's determination not to

use a stock bottle, by a combi-

from the high emissivity coating which lines the tunnel.

extended surface, distribution is more even than on traditional tunnels. Close control of power Cryovac points out that it output is possible with elements has always

the product to stand out as the

by Labplas, Scottish Border

Springs was able to limit plas-

tics moulding investment on a

product launch to well under

£10,000, whereas a full tool set

might cost

three times

Moreover, if

machine's

By taking the route offered

bottler wanted.

obtain the tation results with shrink film air systems. Product

the controllability, efficiency

system can offer major savings for users.

> have gone ahead, at that stage at least," says Calum Brown, production manager at the company.

and energy savings of the Double R system. In chilled packaging areas in particular, where higher energy tunnels are not popular, the re-emitter technol-

ogy could provide a solution.

minutes, says the company,

because of the low thermal

mass of the surface when com-

pared with a long-wave emitter.

to 30 per cent less than con-

ventional tunnels, says Dou-

ble R (Heywood Business

Park, Pilsworth Road, Heywood, Lancs OL10 2SJ - tel:

0706 623625, fax: 366881),

and around 40 per cent less

energy consumption, the

With purchase costs up

Heat up time is just five

Daily bottle production for

Scottish Border Springs worked on the Clearly Scottish project with NutraSweet, which had carried out its own research on the use of its product in flavouring water. Scottish Border Springs has also achieved mineral status for its water.

Labplas UK now has 17 Aoki stretch-blowmoulding had to pay machines and five injection moulding machines.



nation of specially designed blowmoulds and standard neck and base sections. A standard bottle would not have allowed

Now, with the product a great success with consumers, Scottish Border Springs has had to invest in a second set of tooling. "To have a brand new product take off so spectacularly is good news for both companies," says Mr Brown.

the customer is now 17,000 but will soon be doubled with the new mould, says Labplas (Irton House, The Tower Estate, Warpsgrove Lane, Chalgrove, Oxon OX447TH tel: 0865 400315, fax: 400350).

capacity is a full year, refund the customer's nvestnient in tooling.

the full cost we would





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## Tin expertise displayed

Tins which are now being used in the United States as a connoisseur gift item to contain fresh pears is just one of the latest products from Linpae Metal Packaging which is said to demonstrate its versatility.

Historically, the company has always been a major supplier to the biscuit market but, says Stafford Clarke, general manager at Linpac Reading, we can offer far more than just biscuit tins. Although biscuits still represent over half of its production, the promotional and confectionery tin husiness is currently growing apace.

Linpae has just completed the substantial order for Silver Crane to supply a highly decorated version of one of its largest tins for export to the United States. The Riviera four-piece slip lid tin, which measures 340 x 265 x 120mm, is being supplied by Silver Crane to the Harry & David Company, which is selling it as a fresh pears gift item.

The tin is a new Silver Crane design and has been produced to look like a fruit packaging crate.

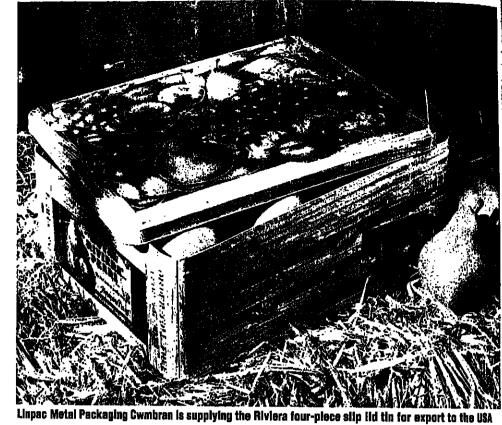
Printed in four colours on both the body and lid, the tinuses a combination of strategically applied matt and gloss varnishes to give the fruit a realistic texture, says Linpae (Avondale Way, Cwmbran, Gwent NP44 IXE - tel: 0633 485232, fax: 864596).

Silver Crane says that it chose Linpae to produce the tin primarily because of its expertise in producing tins of

ness and flexibility to respond quickly to the additional orders which are expected from the USA.

This flexibility of approach is key to success which, traditionally, has not always been available to customers of the metal packaging industry, says Mr Clarke. "We have to reduce lead times by investing in tech-nology and people," he tells Packaging News. "We now set up project teams to see a new design through to manufac-

The company has also strengthened its commitment to the US market with the appointment of a national sales manager (see PN, August).



## GLOBAL III

The tolerance specification for all colours is by CMC,  $\ell$ :c ratio of 2:1 and of = 1.2. Colour specifications and tolerances were established using the X-Rite 938

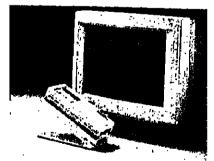
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#### Gall on 0839 772268 or enquiry number K9-438 tre, Welbeck Way, Woodston,

## Colourful sleeve adds appeal to tea whitener

A tea whitener from Nestlé UK has been given eyecatching on-shelf appeal by a full-length shrinksleeve from Decorative Sleeves, with colour matching across the range of para-

tion brand. The sleeve labels are supplied on the reel by Decorative Sleeves (Rollesby Road, Hardwick Industrial Estate, King's Lynn, Norfolk PE30 4LS - tel: 0553 769319, fac

Slecves for Nestlé's newly laun-8 colour printer ched Carnation Tea-mate had to follow the brand image set by Demand for print Coffee-mate. The

ed sleeves is growing sleeves are eight colour in the UK, where Decoprinted on clear film and show a rative Sleeves has around 90 per close-up of a spoon of product cent of its sales. being tipped into a cup of tea. Md Dale Hambilton tells PN, the company expects to

"Extensive market research determined that Tea-mate has increase possible shrink on wide consumer appeal. The sleeves from the current maxiproduct requires packaging mum between 65 and 70 per which reflects the warm tones associated with a cup of tea," explains Sue Boskovic, senior

cent to 75 per cent.

#### **Recoup: voluntary funding** grows to over £1 million

of Recoup, the used plastics bottles recovery scheme, to 50 member companies in under four years has been matched by an increase in voluntary funding to over £1 million.

"Recoup's members and sponsors have already played a significant part in demonstrating producer responsibility within the plastics industry, and we thank them for their support, often during difficult trading conditions," says Mike Barney of Elida Gibbs, chairman of Recoup (9, Metro Cen-

An expansion in membership Peterborough PE2 7WH - tel: 01733 390021, fax: 390031). "This is exactly the level of commitment I expected

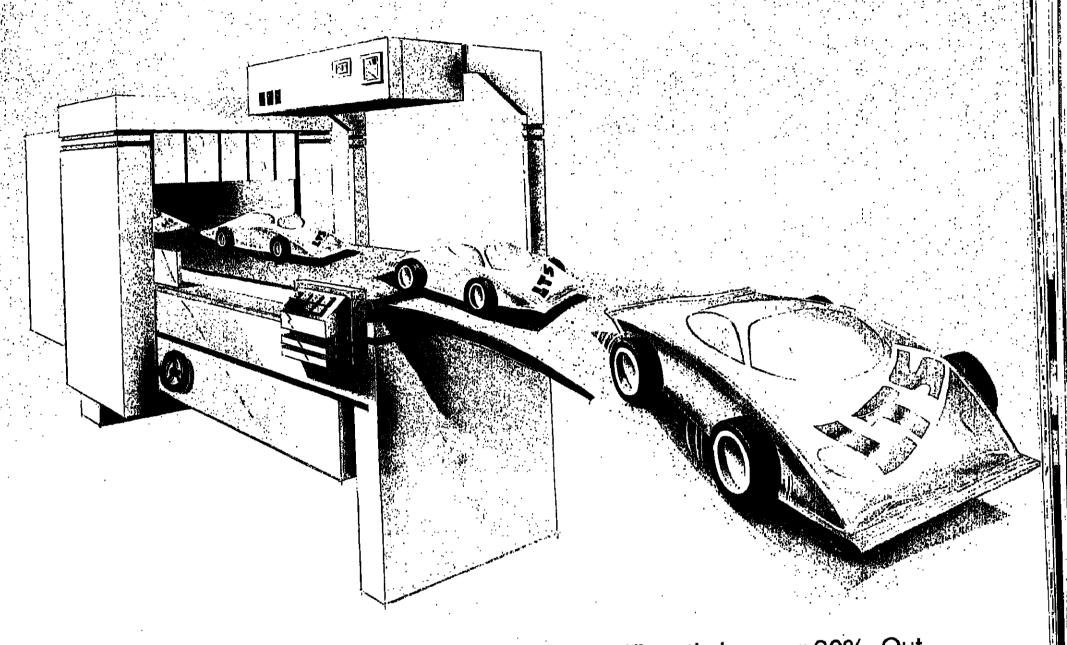
from companies in the packaging chain," says Secretary of State for the Environment John Gummer. But he has called for more companies to contribute to the initiative. and so help achieve a high level of plastics recycling.

Apart from member companies, several non-members have helped sponsor individual projects.

For further K9 Call for details information 183 0839 77228

PACKAGING NEWS/SEPTEMBER 1994

What happens if your competitor uses Mobil's LTS coated OPP packaging films before you do?



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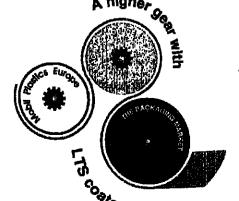
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Workshops are being arranged on 5, 6 and 7 October at the premises of the following participating companies in seven European countries:

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Dijkstra Vereenigde, Klöckner Hänsel Tevopharm; Switzerland: SIG; UK: Netherlands:

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# Hot foil printers add 'best befores' to dairy products

The Cheese Company Ltd, formerly Express Foods, has installed seven hot foil printers from Preston Printers at its Lockerbie Creamery and ordered two more, to run on its butter and cheese packaging lines.

The company had been searching for equipment to both print and emboss 'best before' dates and packaging codes to its mini packs for the catering market. Process and packaging manager at the dairy Ian Roy, chose a 2A/2 twin head hot foil and multi-head printers as best suited for the application, PN is told.

#### "Producing up to 200 Impressions" a minute"

In the butter processing and packaging plant, the twin head 2A/2 hot foil printers are mounted on each of the Benhil high speed butter packers, producing up to 200 impressions a minute. The foil is then separated into two channels on contact with the product, allowing up to 400 packs a minute to arrive in the discharge section.

wo similar units are in

action on the Corazza wrapping machines in the same plant, says Preston Printers (Preston House, Petworth Road, Haslemere, Surrey - tel: 0428 654941, fax: 654769). In the cheese section of the

In the cheese section of the Lockerbie plant, a multi head printer, based on the 2A/2 print modules, has been installed on a seven lane Multivac machine.

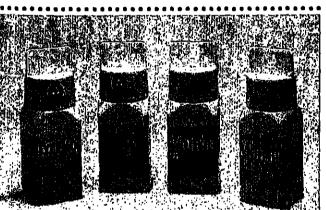
In operation, each of the seven print head provides two codes, which allows for one on each of the 14 packs produced on the Multivac unit. The hot foil printing tape is set at a predetermined angle to allow seven independent rows of print to be produced within one width of foil.

This specially developed system allows maximum use of hot foil ribbon without any unnecessary waste, says Preston Printers.

According to Mr Roy, Preston Printers came up with the right machine specification at the right time, and The Cheese Company Ltd has been "more than satisfied with them."

The range of equipment from Preston Printers will be on show at the PPMA show later this month.

For further K9 Cail for details information 166 0839 77228



stean easy-onen cincure system by Beeson and Sons Itil

# Easy-open closure is helpful to arthritics

An easy-open closure system, Fastcap, designed by the onestop packaging patenting company Beeson and Sons Ltd, is now available to multinationals in the UK.

The US analgesic Tylenol, said to be the biggest selling over the counter healthcare product in the world, is sold in one of Beeson's Easi-Open bottles and caps under the name Tylenol Pastcap.

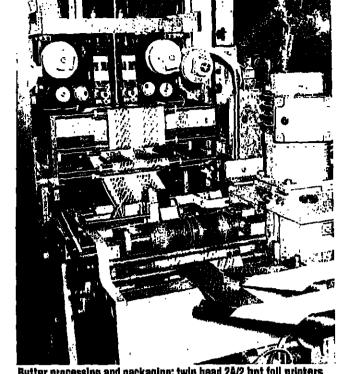
"It is targeted at adults who have difficulty opening bottles of medication," says Tylenon drug producer Johnson & Johnson Corporation. Fastcap is now also licensed to Upjohn for its drug Motrin, says Witney King of International Hos-

pitals Group (IHG).

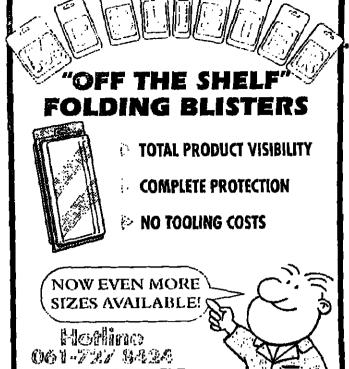
The bottle has been recommended by the US Arthritis
Foundation and sales of
Motrin have risen fast.

Beeson (Hertford Place, Rickmansworth, Herts WD3 2XB - tel: 0923 779111, fax: 896759), which is part of IHG, does not sell any products but earns its income from royalty payments on its pack designs and closures.

The company will design, market and make the mould for the closure system and has the capacity to do a run of up to 5000 sample prototypes for market research of each design.

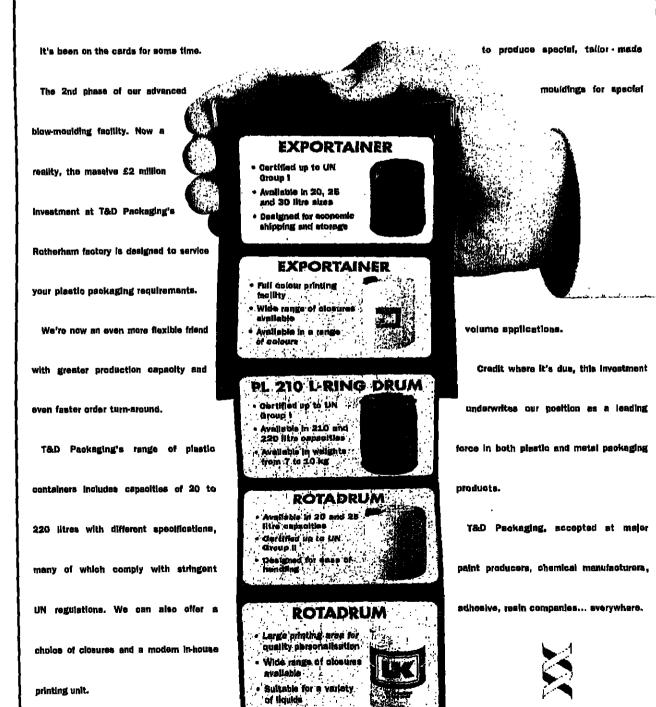


Butter processing and packaging: twin head 2A/2 hot foll printers are mounted on each side of the Benhii high speed butter packers



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T&D PACKAGING

## Down to basics: how the PRG levy will work Researching a fresher image

Between \$100 million and \$500 million a year will be needed to fund the Producer Responsibility Group's (PRG) Valpak scheme (see page 1).

How the money is to be raised to achieve the increase in recovery of packaging waste from 32 per cent in 1993 to 58 per cent by weight and to extend close-to-home recycling facilities to eight out of ten homes in the country by the year 2000 has been outlined by Sir Sydney Lipworth in his levy report.

#### "Matters are complicated"

However, the final details of the 'modified converter levy' have yet to be thrashed out. To complicate matters, a shared burden levy has been proposed in the meantime (see PN August).

This would entail all members along the packaging chain including retailers and raw materials producers with a turnover above a certain threshold to pay a levy while the converter levy scheme is put in place. One informed PRG source tells PN he estimates this shared burden scheme will run for around

According to the report, all

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finished packaging will have to register with the Industry Organisation (IO), Initially a threshold may be introduced to exclude the smaller converters and importers based either on turnover or materials - this has yet to be decided.

A turnover yield would then be set for packers/fillers, wholesalers and retailers as well as importers of packaged goods. All those above the threshold would have to register with the IO.

In some cases, packers and fillers may themselves be converters of raw materials into packaging for their own use. They too should be treated as converters and a levy applied on their output.

The IO would then set the rates of the levy for different types of materials to be based on weight, turnover or on other measures such as volume or numbers of units. All this still has to be agreed.

Converters and importers would pay the levy and account for it to the IO. The levy would usually be incorporated in a product's price, although it could be shown separately in their sales invoices.

If converters fear that any of their customers might refuse to pay the levy, they would

•BRITISH SUGAR

-SWIZZLES

separately to those customers who are registered (ie packers/fillers or retailers) and the responsibility for the levy will then pass to them.

Registered customers

Registered customers could agree to have the levy incorporated in the price in the same way that non registered customers do, in which event there would be no need for a separate invoice.

A quarterly accounting system is recommended. whereby the converters submit quarterly returns to the IO of their sales. This will allow the IO to make levy calculations.

Converters will also supply a quarterly return of sales to the IO of those registered customers who will be liable to pay because they have not incorporated the levy into the price. The IO would then look to those customers for the levy.

Converters would not be liable to pay the levy on exports, or on sales to registered customers who do not agree to have the levy incorporated into the price.

If registered retailers or wholesalers are seen to be resisting the passing on of the levy, the IO should have the discretion to introduce a similar invoicing pro-

vision for packer fillers to their registered retail or wholesale cus-

tomers, suggests the report. The effect would be that

where the converter's customer, for instance a packer, opts to pay the levy direct and not have it incorporated in the price, it would in turn be allowed the option of including the levy in its invoices to its registered customers.

#### "Invoicing separately'

This would pass the responsibility onto the customers. Packer fillers would also make quarterly returns in the same way as the converters. It is hoped that this system will eventually be fully accepted by the packaging chain and that the converters will not need to invoice registered customers separately but will incorporate the levy in their prices for everyone.

Similarly, it is hoped that registered purchasers of packaging will pass through to their customers this inclusive price for the material they have bought.

Where the right climate of cooperation exists, it is thought that there would be no need for additional measures to bol-

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ster the converter levy. But what happens if this

fails and the larger packers, fillers wholesalers and retailers resist the passing down of the levy? Should this happen - and it is considered likely - Sir Sydney recommends that the IO should reserve the right to amend the scheme by, for example, directly imposing a levy on turnover for registered packer/fillers or registered retailers and wholesalers. Alternatively the IO could consider

a retailer/wholesaler levy. Sir Sydney also advises that there should be provisions to exclude vat arising on payments of the levy to the IO and also to grant a refund to the IO vat on the packaging levy that is passed down the chain to retailers in the prices of the final products.

In the meantime, to jump start the levy into action it is proposed that a type of 'shared burden levy' should be introduced to raise funds quickly. This will entail registering

all participants in the packaging chain above a certain turnover threshold in much the same way as the converter levy.

It is suggested that some of the raw material manufacturers and importers should also be involved, but they would pay a lower rate to recognise that

•LYONS SEAFOODS •DUNLOP

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their turnover includes not packaging sales.

Appropriate weighting Either the levy should be imposed pro rata on a basis of turnover on all participants or there might be some solu that recognises the appropri-

various categories. "This is a scheme that would be appropriate for a? temporary period to get the funding started and that is unlikely to be considered right if the amount required rises significantly," says Sir Sydney.

ate weighting between the

However, the turnover limits and the amount to be paid - or whether the shared option burden will be acceptable - have yet to be agreed. "I should caution the PRG

that as the entire project is at such an early stage, any funding scheme that is introduced initially should be regarded as provisional so that it should be capable of fairly ready alteration as developing circumstances require, Sir Sydney tells Packaging News.

For a copy of the report or to send a submission on it contact the PRG 4th Floor Bowater House, 114 Knightsbridge. London SWIX 71.J - tel: 071-823 8666, fax: 071-823 8363

•RANK HOVIS McDOUGAL

A relaunch of the Dixcel Family Value range of kitchen paper, facial tissue and toilet tissue products, aiming for a fresher, more modern image, has been helped by use of the Scantest research technique (rom Scantel.

Working with design agency Pemberton and Whitefoord, Jamont UK, manufacturers of the range, selected three possible routes: family appeal, environmental appeal and value for money. Qualitative research identified the family option as being potentially the best.

"The hard green edge has gone off the British market," says market research manager at Jamont, Andy Parry. "Using recycled or being

pared with a likely 20 for pack-'environmentally friendly' is aging, points out Bill Dunning taken for granted now." Conof Scantel. sumers also expect the same standards of product and pre-

sentation from recycled as vir-

Jamont produced three exe-

cutions of the main graphic on

the packs and three versions of

the border, generating nine

variants, as well as the starting

design. By using Scantest, these

were distilled to a single design

which incorporated the best of

the new and discarded versions.

large number of alternatives in

a more structured way than

other methods," says Mr

Parry. When used for product

research, the technique might

be required to accommodate

up to 400 variables, as com-

"Scantest can cope with a

gin materials, he says.

participated in research. The various grades of test - includ-

Over 200 main shoppers

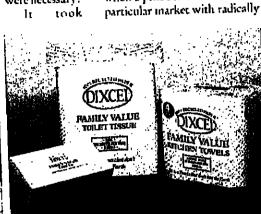
order of preference - gave Jamont a clear execution style, but established that changes

were necessary.

ing initial impact, how the

product is seen to fit in with an

individual's lifestyle, listing in



One of Mr Dunning's con-

victions is that packaging can

date very quickly, with con-

sumer perceptions changing

when a product is launched in a

Jamont's relaunched range, incorporating research by Scantel, and (right) the previous Family Value packs

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different presentation. When Jamont six weeks to develop compiling Scantest results. the final deagn from the first competitor information can be brief with the help of Scantest, introduced and these products but new product development ranked alongside contending is never a fast process, says Mr. options for a launch. Dunning. The range was relaunched in July.

According to Scantel, the same research techniques can be applied by retailers to ascertain the selling power of their own and other brands in particular product areas.

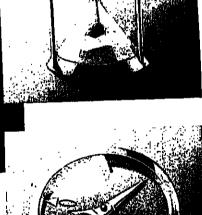
The technique as a whole evaluates consumer preference, says Scantel (27 Dale Street, Manchester, M1 1EY - tel: 061-236 1952, fax: 061-236 0768), and gives what is effectively a sales forecast.

Another option for users of the test is the compiling of a perceptual map, showing in a graphic and measurable form the way that different attributes of a product stand out most for consumers.

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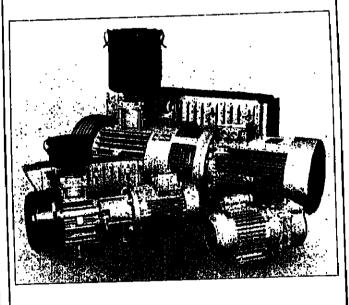
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For the second year running, the machineryonly PPMA show will be a members-only event with nearly 200 exhibitors attending.

Held at the NEC Birmingham from 27 to 29 September, it has already sold out and around 6000 visitors are expected.

Here we preview some of the machinery on view at the show. Visit Packaging News on Stand 5160.



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trained accompany applies substitute to the second in the parties. and the same of th national in the a column core in the arm is a final

## **Smarter weigher**

mart, the latest check-Sweighing system from Loma Systems, which offers food and pharmaceutical manufacturers benefits including savings in capital maintenance and space costs will be demonstrated.

Smart comprises integrated checkweighing and code checking technology and is capable of simultaneously handling multi-weight products which have randomly merged from different packing lines onto a single conveyor.

Software enables the checkweigher to individually recognise each product and checkweigh it according to pre-set parameters. It is suit-

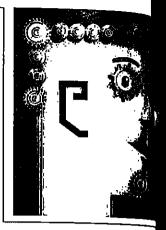
Loma Smart checkweighing system will be seen in action able for use on any packaging line where product weights vary but pack sizes remain similar such as production lines which are merged at the end of line to achieve higher output speeds.

The system operates when an infrared Data Logic DS40 bar code scanner reads the barcode on the pack as it passes into the checkweighing system.

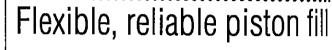
#### Parameters selected

This information is then transmitted to the checkweigher which decodes it, identifies the product and selects the correct parameters to weigh the product against.

If the pack weight falls outside the given tolerance it is automatically rejected into an integrally mounted reject bin.



Loma (Southwood, Fareborough, Hants GU14 ONY. tel: 0252 540346, fax: 513322) tells PN that by using Sman fewer checkweighers need to be used. It also reduces the number of sources of weight information simplifying production control and enabling product relative shift reports to be compiled and printed out. Stand: 2100



Designed in response to the need in the toiletries industry for a flexible, reliable volumetric piston filling machine, suitable for use with a wide range of products, the S250-A Multifil will be displayed by Master-

It is an integrated filling and capping system and has been designed to handle the wide variety of caps used by the toiletries manufacturers such as screw, press on and spray heads.

Speeds of up to 60 a minute can be obtained filling and capping containers between 10ml and 250ml. With three fill variable speeds, the six-head filler ensures products can be filled and capped to suit both the product consistency and container shape, says Masterfil (17 Farmbrough Close, Stocklake, Aylesbury, Bucks HP20 1DQ - tel: 0296 25001, fax: 25002).

Features have been included to reduce downtime during changeover and to make it easier and quicker to clean. By programming the machine to full inspection, stroke pistons will become easily visible at the bottom of the cylinders enabling the operator to check all residue has been removed. Stand: 2400





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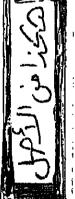


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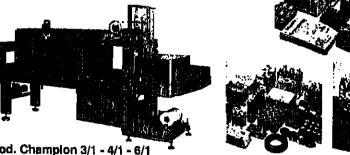
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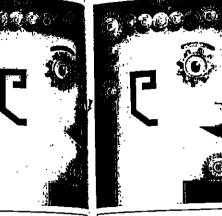
ienu driven software, to

A more reliable bag seal

Two machines from Thurne Engineering Company Ltd, the MK5PR bag scaler and the Formost GT bagger, will make their debut at the show.

Thurne claims the MK5PR is the only machine of its type to use a combination of adhesive and plain paper tape for sealing. This is said to provide an easy-to-open fastening which is compatible with most automatic and semi-automatic bagging systems.

The machine features a computer controlled hot foil thermal transfer printer which can be reprogrammed rapidly to vary the information reproduced, offering a major advantage over conventional hot foil marking systems, says Thurne (Delta Close, Norwich, Norfolk NR6 6BG - tel: 0603



410771, fax: 417941).

Designed primarily for the

food industry, the bag scalerie

with minimum maintenance.

Through its combined to

tical and horizontal motion by

opening system the Forence

GT bagger ensures that com-

plete bag control is maintained

variety of bakery and frozen

food products at high speed A

number of mechanical

upgrades have been made to

the bagger, including a high

tolerance bag opening system

reduced reciprocating action?

and plastic carrier for quid

For further K9 Call fer debt

operation.

Stand: 4110

range of fast-change rotary fillers will be Lintroduced, with the said to offer high reliability first 12-head FCL volumetric machine shown by GEI Filling sealing efficiency and long like Capping and Labelling.

Fills of up to I litre are possible at speeds of up to 180 containers a minute on the 12-head version, although machines in the range will be fitted with up The bagger can handles to 36 filling heads. This size of filler will reach speeds of

Occupying a 1400 x 300 containers a minute with 1600mm space, the 12-head machine is compact, says GEI Motorised adjustment of (Hythe Road, Ashford, Kent fill volume and nozzle height TN24 8DS - tel: 0233 629161, can be carried out through the ple control in as little as two fax: 639560). Filling accuracy is to within 0.1 per cent of cylinminutes. Fast and efficient clean-in-place is made possider capacity

PPMAPREVIEW

### "Jointly developed"

The Inform patient informaradiussed pipe runs there is a tion system, which was jointly developed by GEI and the pharmaceutical division of Jarvis Porter (Label Systems) Ltd, will be shown being applied on a PPM pensation for hot fills is anothpressure sensitive labeller. Stand: 6100 Downstream checkweighing

For further K9

# Fast-change fillers High speed

Servo assisted rechnology for high speed bagging operations will be demonstrated on vertical ffs machinery from Sandiacre Packaging Machinery Ltd.

Block bottom and pillow

pack applications can be handled to meet the demands of retailers, with a modular design concept and full inhouse manufacturing capability. This gives almost unlimited flexibility, says Sandiacre (1 Ulvier Gate, The Belfry, High Legh, Nr Knutsford WA16 617 - tel: 0925 755169, fax: 758575) to respond to specific customer requirements. Smaller bags can be accommodated. Stand: 3430



HEANS WALKERSTRUSS OR TREOR FROM THE TREATMENT OF THE

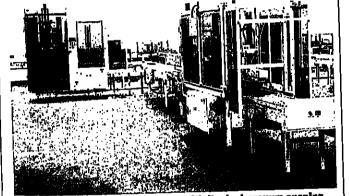
indinerial and the control of the co

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maximum fill of 5.2 litre.

ble, says GEI, because of the

way filling cylinders are

mounted directly onto the

underside of the product tank.

"In place of the more usual

short, direct product flow path

with less area to clean,"

explains sales and marketing

er feature of the ple control.

data can be fed back to the

dosing pistons, if necessary.

Temperature/volume com-

director Glyn Humphries.

The 201 case erector will be shown with its dual vacuum opening

Endoline Machinery's modular solutions to case erecting, filling and scaling will be demonstrated in a complete line.

A 201 case erector and bottom taper, a 301 pick and place machine and 702 fully automatic case sealer will be shown handling standard RSL cases.

The 201 will be shown with its dual vacuum opening,

Designing a conveying system can be a major headache.

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eading conveying companies.

offering positive case erection. Product fed to the 301 is collated, picked up by vacuum and loaded into each case, which then passes to the 702.

Other case scaling machinery to be shown include the 710 semi-automatic and the 704 fully automatic random case sealer, says the company (Stratton Business Park, London Road, Biggleswade SG18 8QB - tel: 0767 316422, fax: 318033).

Stand: 6400 For further K9 . Call for detail



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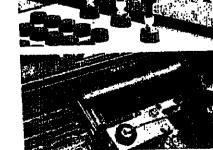


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The Series 5000 Label Applicator carries optional coder modules

## Labels held in memory

Series 5000 Label Applicators with optional coder modules will be shown by Weyfringe Labelling Systems Ltd. These allow label application parameters to be stored in the memory and recalled, obviating the need for trial and error adi of optical detectors and sensors when product changes occur.

Designed and manufactured in house, the Series 5000 can be supplied for top, side wraparound and even recessed label applications, says Weyfringe (Longbeck Road,

Marske, Redear, Cleveland TS11 6HQ - tel: 0642 490121, fax: 490385).

The Quattro RT labelling system will also be on display This system prints and applie labels with the last label print ed applied facility allowing each product to be automatically labelled with unique information. Text barcodes and graphic designs can all be printed by the Quattro RT. Stand: 530

#### PPMA BRIEFS

its semi-automatic weigh-fill system the gravimetric 2228 achine and an 'acid version' or which all parts are made of pro. Both machines are designed for shorter runs and specialised production, sairs E&B (tel: 0420 82421, fax: 98193). Stand: 4620

Model ML615 continuous 375190. (px: 950560). Stands: 3620, 3640

nn & Buckham, UK TWO Packaging Systems Ltd W

agent for Serac will demonstrate be exhibiting a Marchesia motion rotary filling machine with speeds of up to 400 bottles a minute. The machine is repre-Sentative of the latest range of automatic rotary filling and capping machinery (tel: 0525

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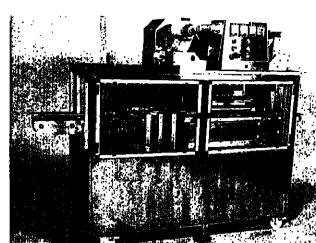
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which is said to take ready meal production a step further. will be launched by Packaging Automation Ltd.

Launched under the Vision 2000 series name, Packaging Automation believes the machinery will offer food manufacturers the opportunity to buy British designed and manufactured, high precision equipment for the first time.

A variety of models provide capacities from 20 to 80 packs a minute. Vision 2000 incorporates advanced features which will set new benchmarks for the heat seal industry, says Packaging Automation (Montgomery Close, Parkgate Industrial Estate, Knutsford, Ches WA16 8XW - tel: 0565 755000, fax: 751015).

Joining the Vision 2000



ment for specific needs.

Stand: 4660

Packaging Automation will launch its Vision 2000 heat sealers equipment on the stand will be machines are available for sale or hire from the company as phere packaging from the comwell as special purpose equippany, the 20-16 CAP machine.

The new unit has an automatic rotary table. Standard or customised

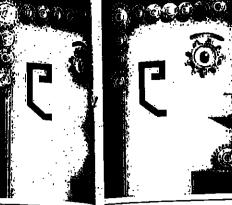
time in the UK will be the Schubert SNC-S4 programmable pick and place robot with vision system, working on the stand of agent System Packaging Ltd (0924 364844). It will be shown linked to a Cavanna Logica plilow pack machine. Stand: 1450

CLEAR DISPLAYS carrying more nformation than previously feau checkweighers, shown for e first time outside Japan by kerman Promac (0932 789648). Different weight ranges and accuracy are available in models for food, pharmacouticals and other end uses.

A PRINT AND APPLY labeller from Pago Ltd will be among ipment shown for the first time. The Pagemat 10/125E will improve response to just in time regulrements, says the company (0206 854996). The 100 TEC high speed carton labeller will be shown in a compact version.

THE TYPE 6 traversing printhead system from Videojet Systems International (0920 468443) will be demonstrated with the Excel 170i ültra inkjet printer. The ture on the latest range of Anrit- Excel HR (High Resolution) printer will be shown coding characters down to 0.79mm height.

> LABEL PRINTING machines shown by Pinewood Label Systems Ltd for the first time to the Industry Include the Cobra thermai transfer printer, avallable in online pc and standalone versions, and the RBC-40, which combines printing and label cut-



stock, says Pinewood (1933)

DATA MATRIX codes - a saul) D mark said to hold more intemation than traditional barrie - can be scanned by the Date Matrix Reader, available inc Aculty Imaging Ltd (0208 639609). Other Industrial wire systems will also be show. Stand: 4650



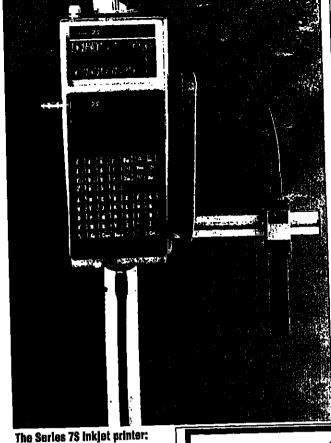
# Inkjet

The latest technology from Imaje to be demonstrated at the show will be the Series 7S inkjet printer, with its options of input through the integral operator interface or handheld

All simple routines can be handled from the operator interface, which uses clear written messages for selection. The removable terminal complements this by allowing for other tasks such as message editing. Messages can be seen full size on the wysiwyg display, whatever the combination of text, barcodes and logos.

Up to four lines of information can be printed with the single head version, and eight with the twin jet. Since text or graphics can be positioned anywhere within maximum character height, the operator can select the most suitable format and line spacing.

Other features include



PPMA PREVIEW

ealibration and the improved Autolearn technology means the detector automatically not only learns the product effect and sets the sensitivity level, but also automatically adjusts in cases of, for instance, high moisture content, says Ramsey (Swift Park, Old Leicester Road, Rugby, Warwicks CV21 1DZ - tel:

A learned

A Metalscout II metal detector

with enhanced Autolearn tech-

nology and the latest ECW910

Policeman Checkweigher and

ECW920 EU approved unit

will be unveiled by Ramsey

Process Controls a division of

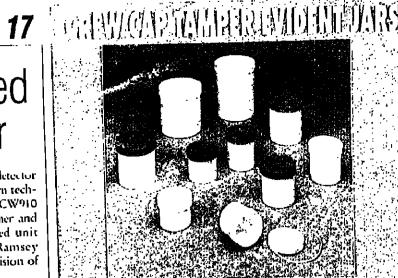
Metalscout II offers casy

Thermedies UK Ltd.

detector

Stand: 6630 For further K9 Call for details

0788 536960, fax: 536980).



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self-checking feature.

options of input through the Integral operator interface or the handheld terminal down, auto-diagnosis and

troubleshooting, automatic rinsing, flushing and nozzle unblocking and jet speed control, says Imaje (Imaje House, 732 Lightfoot Street, Hoole, Chester CH2 3AD - tel: 0244 350732, fax: 350737).

Printheads can be offered at either 2.8 dots a mm or 4.5 dots a mm resolution, with print speeds of up to 4.4m a second. There is a choice of 11 languages for dialogue between operator and machine. The Series 7S is based on the already established Series 7 range. Stand: 5560

## automatic start-up and shut-Handling extra demand

A Twinpack fully automatic handle applicator will be shown for the first time in the UK on the stand of the Italian company's agent Aetna, along with a Robopac stretchwrapper and other equipment from the Aetna group.

The Twinpack applicator, which can run inline with a shrinkwrapper (see PN June '94) is gaining acceptance in the UK as demand for handles increases, says Aetna, which is also a distributor of 3M tapes.

Robopac's 1515 Logic pallet stretchwrapper is equipped with electronically adjustable power pre-stretch and six preprogrammable wrapping

and operation. Stand: 4450

wrap continuous shrink

wrapping machine. Like

other machines in the Dimac

range it is said to offer simple

technology, ease of access

## **Self-checking detector**

On the Lock Inspection Systems Ltd stand will be the MET20 range of microprocessor-based metal detectors.

The MET20 operator interface is said to be easy to use. Details of up to 60 different products can be stored on the system, which has a continuous

Checkweighers shown will nclude the CKA20 waterproof and CK15L units. Accuracy on

these machines is within ±19 on products up to 5kg. The Ultrascan automatic x-

ray based inspection system from Lock (Neville Street, Oldham, Lancs OL9 6LF - tel: 061-624 0333, fax: 061-624 5181) is said to offer accurate contaminant detection at a high pack throughput rate. Stand: 6340.



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## **Advanced vertical bagging**

machine for substituting the forming tube or changing film. "The electronics of the FIS6 are particularly advanced," says Noel Kelly at Notem. "Apart from controlling all machine functions, they provide full diagnostics for fault finding. This is linked to a 'talking' warning system. Dosing syshigh speed vertical tems to complement the HS6 bagger from Italian include Simionato's own series of pneumatic or servo-operatcompany Simionato will be exhibited for the first ed multihead weighers.
Also shown by Notem

time in the UK by agent (Millshaw Park Avenue, Notem Packaging Technology. Leeds LS11 OLR - tel: 0532 Size changes can be made 779504, fax: 760557) will be quickly and without tools on the Mach 200 flow wrapper the HS6, which can produce from Otem. The electronicalpillow packs up to 300mm ly controlled wide-width wide and 530mm long. machine can wrap up to 160 Speeds can be up to 130 products a minute.

Products up to 400 x 400 x 100mm high can be wrapped on the 200. The machine is all stainless steel in construction. Up to 50 different product settings can be held in memory. Stand: 1180

# wrapper suits diy

packs a minute.

Up to 100 different products can be held in the

machine's memory, so that all

machine settings including bag

length, print registration, scal-

ing jaw temperature and dwell time can be instantly recalled,

or altered via the vdu screen.

A compact form fill seal wrap-per, the Shanklin CF3, will be shown by Wrapid Packaging Systems Ltd. It can handle even wider and higher single or multipack sizes than earlier models which makes it suitable for random length products, in particular for the diy industry.

......... to 30 packs a minute the wrapper is designed to incorporate easy changeover, says Wrapid (250 Thornton Road, Bradford, West Yorkshire BD1 2LB - tel: 0274 722920, fax: 736195).

Since the machine uses a continuous side scaler, product length is not limited by the length of a sealing jaw, which minimises film usage.

Shanklin's latest multipacking infeed with the F5B fully automatic horizontal ffs wrapper with speeds of up to 75 packs a minute will be on the stand. The multipacking infeed allows irregular shapes to be handled.



## Stretch and shrink for ice cream tubs

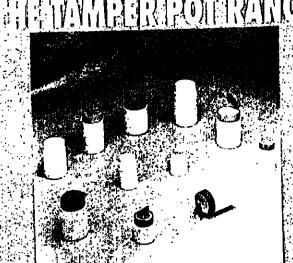
A stretchwrapping and shrink tunnel combination on its way to ice cream manufacturer Ben & Jerry's in the USA will feature on the stand of EDL (Packaging Engineers) Ltd.

Consisting of a stainless steel flight bar stretch wrapping machine, a perforator and low energy shrink tunnel, the system has to operate in temperatures as low as -10deg C. EDL has worked with Ben & Jerry's to solve problems associated with the shape of the tubs, the unsuitability of more powerful

shrink tunnels and the need to be able to split collations.

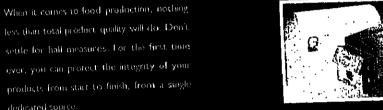
Use of its stretchwrapping technology gives a tighter pack, says EDL (Upcort Ave. Pottington Industrial Estate, Barnstaple, Devon EX31 INE - tel: 0271 45351, fax: 72880), and means that a low energy heat tunnel is adequate. This is also less prejudicial to the chilled environment. The system will achieve 15-20 collations a minute. Stand: 1400

ilmionato's HS6 vertical bagger: particularly advanced electronics



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integra map machine from the Flowpak range: all stainless steel

Vertiflow, a range of vertical ffs machines, and two Flowpak horizontal ffs wrappers, form part of the machinery to be shown by Rose Forgrove and other divisions of the Howden Packaging Equipment group. Vertiflow can offer micro-

processor controlled packaging

Machinery Ltd.

Invincible Road

Farnborough

Hampshire

**GU14 7QU** 

for frozen foods, granular, liquid or semi-viscous products along with pharmaceuticals and hardware.

Four machines are offered, with outputs of up to 100 a minute and ranging from a simple, mechanically con-

capable of full integration with

less maintenance and cleaning downtime is reduced, says Howden (Kenmore Road, Wakefield, 41 Industrial Estate, Wakefield, W Yorks WF2 OTU - tel: 0924 825800, fax: 825507).

The Integra map machine, from the Flowpak range, is now made completely of stainless steel, which will allow it to be used by companies in the meat and cheese industries. Rose Forgrove will also

show its Mid Range bagger, which is designed to meet a gap in the market between top of the range fully automatic machines and hand baggers. Stand: 3550, 4550, 5110



The latest version of the Hoppmann FL-100 Linear Feeder will be on Simplimatic Engineering's stand along with its Simpli conveying systems.
Hoppmann FL-100 is

The Hoppmann FL-109 Linear Feeder from Simplimatic

packaging and lower-volume food and drinks markets. designed to meet the needs of It features fast, simple changeover in less than 15 minutes and can unseramble, orient and feed

plastics bottle shapes and sizes

in shorter production runs,

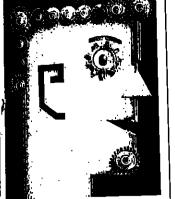
particularly in the personal

care, household products, oil

bottles rang-305mm high at speeds of the applica-

multihead weigher, the Worcester WR3 8H - tel: 0905 454598, fax: 454823), Operating at speeds of 5 to 100 metres a minute, the Simpli-range of conveyors are

designed to handle individual items to complete pallets. It includes roller, slat, mattop, Europe Ltd. belt, chain, air vacuum pres-An Icon driven display has surcless combiners and parallel transfer units. Stand: 2510



CCW.RZ.214, which Loffers improved performance, reduced downtime brough simplified cleaning facilities and specially designed user friendly control systems, will be launched by Ishida

been introduced for ease of operation. Progression through he various information and operation screens is made by rouching the display screen.

product, says Ishida (Crystal Drive, Smethwick, Warwick, W Midlands B66 1RJ - tel: 021-541 1441, fax: 021-544 4659). Stand: 4130

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Designed for use in ice cream plants in Europe and the USA, slatband conveyors from Gramac may be used in other food applications where hygiene is f paramount importance.

The conveyors are totally hose proof, offer clean line dead ends for safety and include raised carrying strands for cleaning in situ while the return strand is totally protected from spillage, says Gramac Mechanical Handling Ltd. (Plumpton Road, Hoddesdon, Herts ENII 0ED - tel: 0992 444211, fax: 446539). Stand: 1100

For further K9 Call for de



Advishing a mark the modern of the light and (total) [Marion]

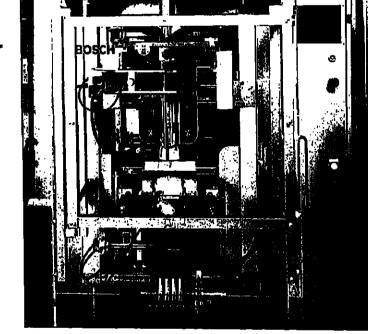
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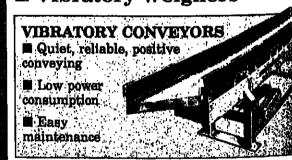
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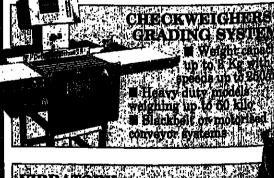


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PACKAGING NEWS/SEPTEMBER 1994

## Continuous motion sleeving unit first A Primary sleeve labeller, which is claimed to be the first contin-

uous motion sleeving unit, will (Kennedy Way, Clacton-onbe unveiled by the Sleevit divi- Sea, Essex CO15 4AB - tel:

pins Packag-

ry decoration sleeve labels

and merge handling technology
allows sleeve application to
containers with a diameter of



Sleevit will

. 今:伊多恩安曼奥尔特科特特特

1000.0g

Software has been devel-

oped which enables hopper

doors to be held open while on

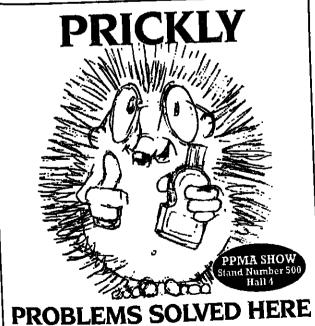
the weigher, for easy cleaning.

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ic infeed chute which operates

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troughs are interchangeable.



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[PPMA]

SYSTEMS

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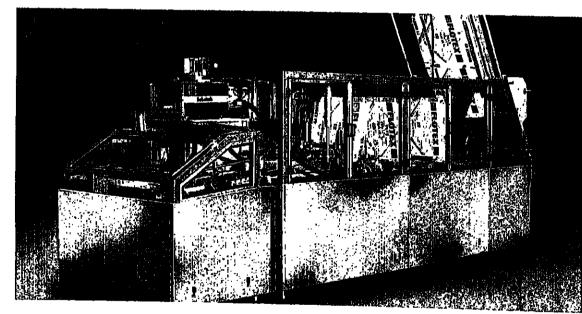
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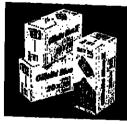


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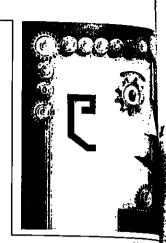


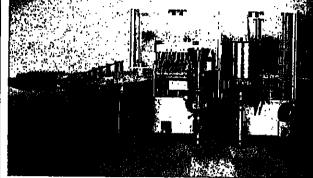
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AssiDomän Packaging Systems Ltd Woodward Avenue, Yate, Bristol BS17 5YS Tel: 01454 327777 Fax: 01454 326871

22 PPMA Fill and seal in sterile areas





Robert Bosch Packaging Machinery's compact MLF 3002

Filling and sealing for pharmaceuticals will be demonstrated on Robert Bosch Packaging Machinery's compact MLF 3002 for the first time in the UK.

Suitable for installation in sterile areas or for total isolator technology, the MLF 3002 uses a linear construction to fill and seal vials and small containers between 0.5 and 100ml at speeds of up to 120 a minute.

Applications include the insertion of rubber stoppers, drop applicators and/or spray pumps, aluminium overseal capping and screw capping. For ease of size change, clip-on size parts are featured and changeover is automatic. Inline filling uses the established 3-piece pump system from Bosch (Invincible Road, Farnborough, Hants GU14 7QU tel: 0252 517821, fax: 518478).

Also having its UK debut is the CUK 3070 continuous motion cartoner. This will work at speeds up to 160 cartons a minute, and will shown cartoning trays of bu cuits. Carton dimensions range from 34 x 15 x 64mm to 150: 60 x 260mm.

#### "For thinner cartons"

There is a range of infeeds, col ing, printing, checking and closing options and, says Bosch, even thinner recycled board cartons can be handled The cartoner will be shown in combination with the KWE 3000 A checkweigher, featuring a fast-acting compensationed and microprocessor control.

Bisuits in stand-up bag will be shown packed on the high-speed Transwrap SVK 2500 A machine, which will bag product at up to 160 pack Stand: 3500



## Robot with racetrack infeed

A first showing of the ER30 robot together with racetrack product infeed is planned for the Cermex stand, with the system reaching speeds of up to 600 individual flowpacks a

ks, multipacks of biscuits, bags of confectionery, blister packs and a variety of plastics and glass bottles are all currently being successfully packed using this robot, says Cermex, with appropriate infeeds. Advantages of the sys-

tem include its ability to hand otherwise difficult produc shapes and flexibility between products. Size change is easy and quick, says the company (PO Box 12, Huntingdon, Cambs PE18 6EF - tel: 0480 455919, fax: 451520).

Also on the stand will be an automatic side loading casepscker said to be ideal for slower running lines demanding automation, where floor space is limited. The plc control canbe linked to a central management information system.

Case erectors, a variety casepackers, tray erectors and packers including wraparound traypackers, lidders and palletisers will all be featured. Stand: 1030



PPMA BRIEFS

SHRINK SYSTEMS from Italian nanufacturer Italdibipack, including the "Eco" low energy mption hood-type system for the first time in the UK - will be shown by Sontex Machinery Ltd (0274 872299), along with sleeve wrapping and skin and blister systems, in conjunction with principal John Quinn (Packaging). Stand: 220

AMONG EQUIPMENT on the Adpak stand will be a range of flowrap systems including feat tures such as slat conveyors and prelabelling and hole punching of materials. Machin ery from Italian manufacturer Montpak, for which Adpak (0282 426846) is the exclusive UK distributor, will also be run ning. *Stand: 910*.

If you think humans are sensitive, wait till you inspect a Loma.

> Human senses may be finely tuned and superbly honed, but they are not infallible.

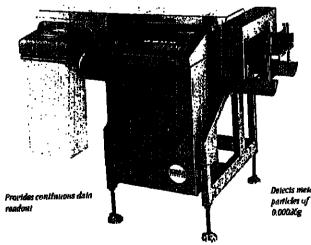
The ability of a Loma, on the other hand, to identify a contaminent inside a carton of soup, or an extra fish finger in a pack of ten, or a faulty bar code on an aspirin pack is truly impressive.

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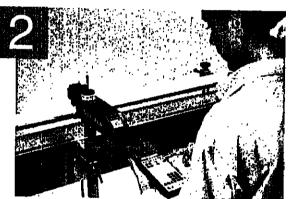
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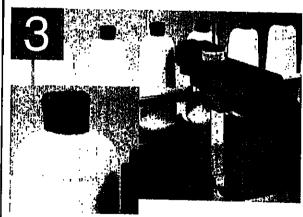
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#### PPMÄPREVIEW

## Less film, tighter wrap

Overwrapper collates with kraft

tons are moved forward

through a curtain of kraft paper

which is drawn tightly round

and sealed at the back, close to

The paper overwrap can be

the base, with hot melt adhesive.

in the form of a simple sleeve

or, via a further fold tuck and

gluing station can be finished

into an envelope fold at the side,

so providing a fully enclosed

distribution pack. It operates at

time by S&B (Blacknest,

Also shown for the first

up to 15 packs a minute.

Shown for the first time by Newtee UK Ltd will be a stretch/shrink tightwrapper addition to the Inpac range, along with the Octopus Genius pallet ring stretchwrapper at its first UK exhibition.

Replacing an earlier, less efficient machine, the intermittent motion Supa Nova uses less film to produce a tighter pack when the tightwrap module is used. While the machine can run faster, at up to 30 multipacks a minute, airflow in the tunnel means that it is 40 per cent more efficient.

Pneumatics were worked on with Festo, and the machine can provide a soft start/stop for delicate product. The scaling elements are integrated into the jaw to give an "almost invisible" weld, says Newtec.

The high capacity model of the Octopus stretchwrapper -Haloila's Genius - will wrap up to 80 pallets an hour with a top sheet and 120 without, says Newtee (Unit 4, Great West Trading Estate, Great West Road, Brentford, Middx TW8 9DN - tel: 081-758 9000, fax: 081-847 3613). Stand: 3650

For further K9 Call for details Information 118 0839 772268 Newtec UK Ltd's Inpac Supa Nova tightwrapper in a prototype model

An overwrapper developed in

Germany to replace shrink or

stretch film with kraft paper

for collations of cartons, so

providing a mono-material

pack for distribution, is being

launched by Sussex & Berk-

The Paper Bandroll PP6-54

machine can operate either

with trays of cartons, or, with

the addition of a standard col-

lating station, accept packs

Trays or unsupported car-

direct from the cartoner.

shire Machinery at the show.



## High speed robot arm palletiser

A range of fast robot arm pdletisers will be introduced by Morray Engineering along with a high speed sewing head for use by food packers.

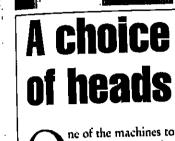
The Fuji AC palletiser, distributed by Morray in the UK is said to take up the same space as the Fuji Ace, also from Fuji Yusoki in Japan, but wil work at almost twice the rate. The range is now more exersive than any comparable range in the UK, says Morray.

Capable of palletising or depalletising up to 1100 units an hour, the AC includes upgraded servo motors and smoother operating robotics. A job changeover can be programmed at the touch of a button. Bags or boxes of up to 200kg can be placed with an

accuracy of up to 1mm. The competitive price ug also brings robot arm palleus ing within the range of many companies up to now using alternative methods, says Morray (New Walthambury tion of the BPR Blisterpac House, Anglia Way, Braintree, Essex CM7 6RG - tel: 0376 German manufacturer IWK to

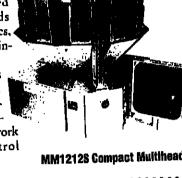
322722, fax: 323277). Sewing speeds of up to 25m a minute are possible with the DS-9 Newlong head. Stand: 3820





ne of the machines to be displayed by Ward Becker Systems Ltd is the MM1212S Compact Multihead. On show for the first time, it offers the option of 10, 12 or 14 heads and embodies many features borrowed from its larger multiheads such as long life pneumatics. IP 5 protection and all-stainless steel construction.

It also includes features such as pressurised heated weigh head assemblies, integral electronics, lift off contact parts enclosed body work design, pe product control flaps and a compact size.



odours tainting food or phar-

strate a specially developed

In addition, it will demon-

The latest range of continuous inkjet printers and inks will be exhibited by Linx Printing Technologies ple at the show.

In operation will be the

Linx (Burrel Road, St Ives, Huntingdon, Cambs PE17

FLEXLINK, the plastics chain ors and the latest series C 0908 210222, fax: 618717).

> UNITED PACKAGING PLC will be exhibiting its Pai Wrapper 3000 turntable wrapper featuring the OptiMiser PPS fully variable power pre-stretch system. In addition, the Rotarap reel Overwrapper for wrapping reels of converted film at bench height will be shown, says United (tel: 0274 862616, fax: 851020). Stand: 6020

AVERY DENNISON'S range of

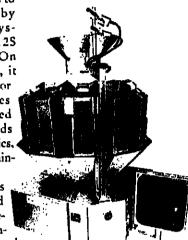
The machine is aimed at the 2gsm to 1kg weight range where small size combined with high performance and close accuracy is a common requirement, says Ward Spring Lane, Malvern, Wores WR14 1AJ - tel: 0684 565566, fax: 565553). Other machines on the

stand include a 414 two-tray linear weighing machine, which adjusts the machine settings during running to give better accuracy and is ideal for small to medium users, the induction drive filling machine and V50/V100 vibratory feeders.

For further K9 Call for details information 121 0839 772286

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## Odour-free coding

495093) says it will also be showing its quick drying Linx Marque 301 ink. It is MEKfree to prevent the risk of

Linx 6000 and 4200 printers. The company says they are particularly suited to fast moving production lines and are capable of printing up to five lines of print and characters of 0.8mm to 25mm in near letter quality at up to 6.8m a second.

vellow MEK ink for applications where print is required on a dark surface.

Stand: 3140 For further K9 Call for detail

maceutical products.

conveyor systems marketed in the UK by SKF Automation Sysiems Ltd will be at the show. Avallable for the first time will be a brand new catalogue for Automation Components, examples of XW wide chain conveyconveyor for use in dusty or wet environments, says SKF (tel: Stand: 2160

fully automatic labelling systems will be presented at the show, including the Rotary 350. Also avallable will be an ALS 200 Majoline Labelling System ideal for short production runs

and frequent changeover of products, says Avery Dennison (tel: 0628 8596500, fax:

PRESTEK LTD will show its range of coding and labelling equipment, including its Smart Date thermal transfer overprint er. Also on display will be the Cimjet and Cimpak print and apply labellers for traded un and pallets, says Prestek (tel: 0602 253220, fax: 430153). Stand: 4100

CINTEX LTD will demonstrate recent developments in its range of metal detectors and checkweighers. Latest digital electronics controlling the company's metal detectors will be displayed. Also on show will be Cintex's (tel: 0753 685261, fax: 848145) new automatic Self-Test Sytem for use on inacessible ffs detectors. In addition, checkweighing systems for products weighing from a few grams to 50kg willbe shown. Stand: 4300

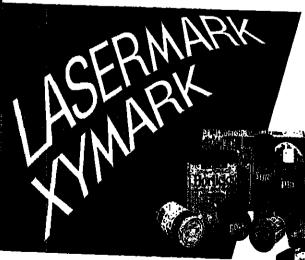


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Stand: 3000

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## Paperboard seminar and mill investment

To celebrate the 25th anniver- A Touch of Silk: launch Image sary of its operation in the UK, lggesund Board Sales Ltd is hosting a seminar on 13 October entitled 'Paperboard 2019 the next 25 years'.

At the same time, parentcompany MoDo has announced a major capital investment programme for the Iggesund Bruk mill, an extension to lggesund's range of textured paperboards, and the launch of a new paperboard for the tobacco sector, to meet industry demand for high performance but low bulk packaging materials.

The £56 million spend in Sweden will involve rebuilding the KM2 board machine, modernising the finishing department and the creation of a fully automated finished products warehouse. The project is expected to be completed by the end of next year.

Five key objectives are behind the latest investment. To improve the quality of current products, to introduce new ones, to increase production capcity, to improve the distribution service and to

Up to five layers of coating will be produced on the re-built machine - an industry first, says the company (UK: Sunningdale House, 47 Caldecotte Lake Drive, Caldecotte, Milton Keynes MK7 8LF - tel: 0908 640123, fax: 640202). The investment will also take the company into the super-glazed sector of the market, Iggesund Bruk having long been a producer of matt quality paperboard.

Equal-sided paperboard

in the USA has chosen Spear reverse printed labels for its

Sauvignon and Bordeaux wines

ance and adheres to the bottle.

which 190,000 can be produced at Workington.

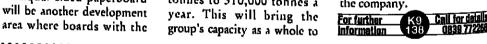
Tabae-Silkia is the name of the new board, which will be launched at the Tabexpo exhibition in October, following a pan-European promotional campaign entitled 'A touch of silk'. It is said to extend the company's range of tailormade virgin fibre boards for the tobacco market.

Produced at the Workington mill in Cumbria, the folding box board combines a low 200gsm grammage with a silky smooth printer surface and high bulk construction. The result is a durable produet which provides high quality print results while offering considerable cost and materials savings.

Tabac-Silkia is the result of joint development work with the tobacco industry. "The growth area is hard packs," says Carlo Einarsson, business are manager at Iggesund Paperboard, "but the overriding concern within the industry is to downgauge the packaging materials while maintaining performance and presentation quality."

The extension to the effects available in the textured paperboard range - called Grass and Sand - are now available on Invercore solid bleached board and on Graphique-Silkia, the new high bulk, multi layer box board for covers and cards.

 Applications to attend the Paperboard 2019 seminar, for which entrance is by ticket only, should be made direct to tonnes to 310,000 tonnes a the company.



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## 2422, fax: 081-332 0939). "We are looking forward

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a successful

Latest in the list of industry

suppliers to sign up for partici-

pation in the Packaging Focus

Sea Princess event later this

month are Smurfit UK, SCA

Packaging, Polbeth Packaging

Running from 22 to 25

September, the event has

already attracted over 200 dele-

gates, with 17 exhibitors. Over

the two days and three nights

at sea, delegates will be able to

plan their own balance of busi-

ness meetings, conference and

workshop sessions, says organ-

iser Richmond Events (Lon-

don House, 243-253 Lower

Mortlake Road, Richmond,

Surrey TW9 2LS - tel: 081-332

and Marchmont Packaging.

sea event

to presenting our various companies' products to the key buyers who will be on board," says David Austin, executive vice president of Jefferson Smurfit group. The list of exhibitors at the

time of going to press was: CMB Foodcan division, Data-Colour, Fuji Seal, ICI Melinex, Lawson Mardon Plastics, Lawson Mardon Fibrenyle, Marchmont, Polbeth, Pira, PP Payne, SCA, Smurfit, the IOP, TNT Materials Handling, Tungate Forms and Labels, Van Mierlo Proost, Walmsley.

Keynote presentations nelude overviews of the industry, consumer packaging, costs and benefits of environmentalism. Workshop sessions will include analysis of price trends for the different materials.

## Flashing metallic hairspray cans

A relaunch of hairspray in tinplate aerosol cans with striking graphics has led to a leap in sales for Finnish cosmetics and toiletries company Berner Oy. Berner wanted a younger appeal for its XZ range of three hair products, and went to its sole supplier CarnaudMetalbox (CMB) Acrosols (UK) plc for a solution. The answer was a combination of metallic flashes and coloured panels on a pearlised white background.

The cans incorporate Ferrolite domes, with the body in a metal/polymer laminate. Printing was carried out offset litho in 12 colours to make the most of the reflective surface. The Normal, Fast and Extra Past variants are packed in 250ml cans.

Shelf impact is maximised, while the three variants in the range are differentiated by means of the coloured panels.

The laminate does not use vocs in its manufacture, stresses CMB, avoiding the need for coating in the canmaking process. The material is much more resistant to scuffing than conventional coated cans, says CMB (Oddicroft Lane, Sutton-in-Ashfield, Notts NG17 5FS - tel: 01623 555555, fax: 440125).

In the six months following the relaunch, research has shown that the hair products shifted from eighth to fourth position in Finland in terms of unit sales. The company has a range of products from shampoos to styling aids. CMB

Hairspray cans by CMB Aerosols: jaminate is resistant to scuffing

Aerosols is currently working on converting the majority of the aerosols it produces to

using Perrolite can domes.

GENTLE chocolate 



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PACK ACENC MEMBERS PROPERTO ER 1994

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because of their resistance to the chill cabinet and ice bucket environments where the label conserves its quality appear-The labels have won the company a number of packaging awards this year. In addition, Budweiser Ice Draft turned to US Labelling company Spear (European agent, Margaret Jorcin, 11 Square Victor Grignard, 77410 Claye Souilly, France - tel: 010 33 1 60 26 19 62, fax: 60 27 08 99) for cost-effective no-look labelling.

face charac-

teristics on

both sides

duced, and a

lightweight

product

where cost is important, will

the mill capacity by 50,000

Quality adhesion for chilled wines

The project will increase

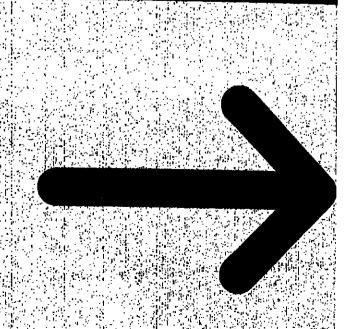
also become available.

Spear was initially required o supply 500 million label sets at short notice for the product's launch. The product reached the top 10 in its first full week of national distribution and a 2.4 per cent share of beer sales in the USA.

pear reverse printed labels on a Lakewood chilled wine bottle Spear recently supplied making it the first UK glass ing News April). United Glass in the UK with container manufacturer to no-look labelling machinery, offer this service (see Packag-

VISION

Proverbs 29:18





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## Closure opens more easily

nology developed for Clic-Loc III, which aids opening.

ed for use on liquid medicine

products where cres will

become mandatory in stages

from January 1, 1995. To pre-

vent caps 'sticking', the height

tory Control Society (BPICS)

from Purchasing, the course

takes place at BPICS HQ and

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The PP28 Clic-Loc is suit-

pp28 Clic-Loc is a tamper evident, child resistant closure (erc) which will be available in the last quarter of this year, and is the result of a combination of technologies from two CarnaudMetalbox companies.

The closure features existing Clic-Loc technology from United Closures & Plastics (UCP) plus the addition of sister CarnaudMetalbox company Astra Plastique's Vistop tamper evident band concept.

To meet the needs of the pharmaceutical and healthcare markets which require both features, the closure will suit the PP28 (GF304) neck finish which is the most widely used throughout Europe, and will be approved to BESN 28317 (1993).

UCP has included design recommendations to improve openability for adults, including increasing the depth of the closure to improve patients' grip. The closure is also said to benefit from patented ere tech-

A one day course which aims

to identify the challenges fac-

ing the purchasing function

and underline its role in sus-

taining competitive advantage,

has been organised by The

British Production and Inven-

**Nestie** 

TOTRITY SESTIONARD

WISDOM

PP28 Cilc-Loc is a tamper evident and child resistant closure Loc mechanism has been increased, while the inner and outer Clie-Loc components resist product ingress, says the company (Salhouse Road, Norwich NR7 9AL - tel: 0603 423131, fax: 407942).

Registration forms are available from Julie Taylor, assistant secretary, BPICS (University of Warwick Science Park, Sir William Lyons Road, Coventry CV4 7EZ tel: 0203 692266, fax: 692305).

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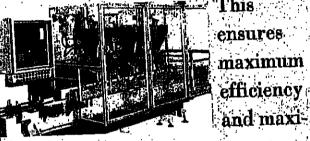
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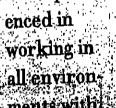
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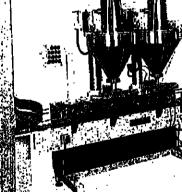
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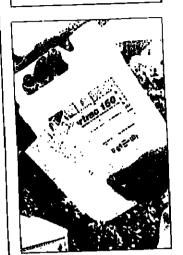




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## Pitfalls and weaponry

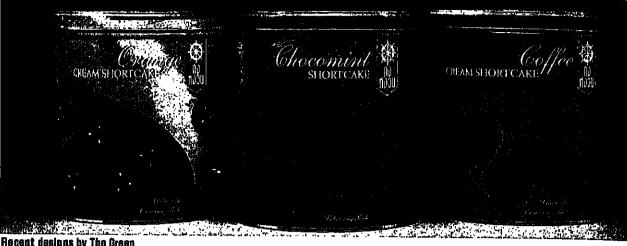
Tanks and less high-tech weaponry might seem to be the last thing that would attract a consumer to buy a bag of flour. Though the clash of supermarket trollies may echo down the aisles, images of conflict do not usually stray onto the retailer's shelves in the West.

But in Laos, southeast Asia, such themes are popular, says Judi Green, creative director at design consultants The Green Flouse. This sort of cultural gap, she says, is typical of the chal-



Laos: this design sells flour

lenge confronting marketeers and designers in the Far East,



Recent designs by The Green House for Khong Guan biscults in Thailand where on-shelf impact is a priority

and of the stimulating nature of work in these countries.

Many design consultancies are considering expanding their area of operation abroad and the

Par East is proving to be a fast emerging market for the UK. There has been a growing influx of Western brands and while these suppliers can adapt their packs to suit this market, local manufacturers have realised that often the only way to compete

is to draw on the expertise of

manners and design idions, she marketing services in the West. However, while projects says, if projects are to be lolcan be on a grand scale - Thai lowed through successfully. biscuit manufacturer Khong

While colour code can carry subtle connotations in the West in the Far East these associations can be much stronger. Black in Thailand and purple in appreciate the culture, business the Philippines are associated

Huge opportunities are opening up in the Far East for design and marketing consultancies willing to take the plunge. At the same time, Western brands are finding their own routes to these consumers. The Green House consultancy has been through the steep learning curve of working with Far Eastern clients.

with bad luck to such an extent that it would be an unforgiveable gaffe for a designer to even suggest their use.

Red is seen as a symbol of good fortune, and neither the manufacturer nor the consumer seems to tire of seeing it dominating packaging designs. On the other hand, imagery which is considered extreme or even shocking to Western sensibilities is often regarded as quite ordinary - and for good reason.

For instance, to return to the bag of flour from Laos, the symbols of warfare merely reflect how the country's history of unrest has finally percolated through the public conscious-

almost cosy sense of familiarity. But while this unfamiliar part of the world has its own individual and entrenched tradi-

Because of this, designs which into insignificance. epitomise the West-can carry a premium association. This Western cachet can have such a strong pull on consumers that selves. Biseuits, for examthey are often ready to accept unintentional cultural galfes.

For example, Cadbury's would be forgiven for using the normally tabou colour of purple simply because of the brand's international reputation and its familiar pack designs. One of the challenges for

agencies working in those countries where the traditional colour coding dominates, is the premium end. need to create points of differness. Military images have ence without departing from become everyday, evoking an that basic code of, say, red for good luck. One pressure bringing local producers to employ Western consultancies is the need to combat a scale of copy-

Associations differ not only for colours but for the products themple, are seen as typical gifts in Thailand, suitable on occasions as diverse as visits and weddings, says Mrs Green. This accounts for the vast range of brands available, the large consumer spend and the penetration of better known European and American brands at the

For a UK consultancy, language is another hurdle to jump, and the practicalities of proof-That and English for a single pack have proved so difficult

tions, it still nurtures aspirations cat branding which makes the towards Western lifestyles. problems of UK brands pale cies that The Green House has

reading text in Chinese, Thalland's appetite for biscuits is inexhaustible

developed its own system which directly involves the client.

On the structural design ide, the Far East covers a wide span of demands which relate to the varied economics and the climatic diversity of the region. Tins are a favoured form of pack in Thailand and its neighbours, since they are robust enough to withstand more primitive types of transportation but will also perform well in the unrelenting neat and humidity.

In prosperous Japan, a country which has established an entire economy on an obsession with technology, hi-tech gimmicks have great appeal.

Designs launched onto the Japanese market recently include beer with a novelty pouring spout which whistles when used, stand-up pouches with a foil layer which can be removed for heating in a microwave, and blowmoulded packaging reflecting the product it contains, for example an apple-shaped pack for an apple wine

But the more sophisticated markets such as Japan and Hong Kong also have a better developed service sector. The greatest opportunities perhaps for brands look-

ing abroad and designers reaming up with local suppliers lie in such places as the Philippines, Thailand and Burma.

Understanding the Far Eastern 'code' and knowing when it can be broken involves a long learning curve for UK consultancies and it is a process which should not be dismissed lightly.

"There are innumerable cultural traps to fall into but this makes the challenge of designing in the Far East all the more intriguing," says Mrs Green.

The Green House is at 64 High Street, Harrow-on-the-Hill, Middx HAI 3LL - tel: 081-422 6178, fax: 081-864 8370.



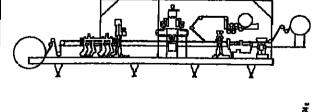
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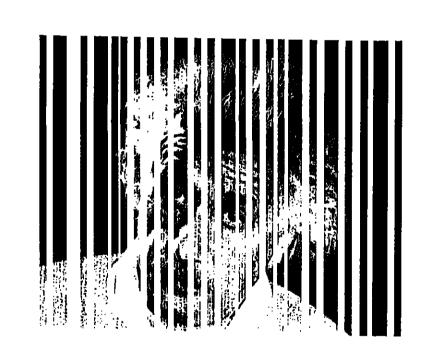




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Guan has just repackaged over

20 of its lines - there are numer-

ous pitfalls for the unwary,

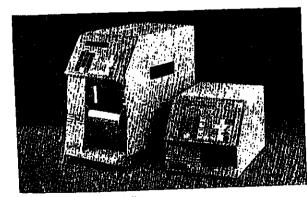
warns Mrs Green. It is vital to

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Flexibility is key to a £2.6 million beer bottling line just officially opened at the Marston, Thompson and Evershed brewery at Burton on Trent, with a variety of products in returnable and non-returnable bottles and a choice of end of line operations.

Central to the installation are a filler/crown corker from Klöckner Flostein Seitz (KHS) and Houft inspection systems. The Rolatronic filler operates on three phases: a slow start, fast phase and braking phase. Long tube filling is used to climinate dissolved oxygen pick-up, says KHS.

The 84 filling and 18 crowning heads can run at

42,000 or 33,000 bottles an hour for 275ml and 500ml bottles respectively. Giveaway must be carefully monitored to stay within one per cent, or a fill height standard deviation of 1.5mm, Charles Reed, project manager of KHS (021-744 9191), tells PN.

Heuft's empty bottle inspector sits just before the filler, and will detect flaws in the glass at different heights and any solids or liquids in the bottle. The Spectrum BFS 60160 will inspect up to 46,000 bottles an hour. Other level detection and inspection systems on the line are also supplied by Heuft (0827 716541).

At the end of line, bottles

through a KHS Garant recrater, while product for the off-trade is channelled through a Mead cluster packing machine and/or a shrinkwrapper supplied by Kisters (0527 595795).

The Cluster-Pak CP760R from Mead (0454-320000) can wrap collations of four, six, eight or ten bottles and has, say the brewery's engineers, run without a problem since the day it was installed. Marston's is currently running it at a speed of 157 packs of four bot-

Other equipment on the line includes a Krones labeller not brought in for the installation - a KHS Omega Kaskana

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A Pira review, 1993 David Shires

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House, Crown Industrial Estate, Anglesey Road, Burton systems. The installation was on Trent, Staffs DE14 3NX tel: 0283 500001, fax: 517178). managed by Elson Projects, part of BI Industries (Elson

wide bottle, need take no longer than two hours.



#### The 5kg and 10kg bags: kraft paper outer with a plastics handle **Carry-home cement bags**

Blue Circle has adopted special earry-home packs from AssiDomän Medway for the launch of its Mastercrete cement to the diy trade.

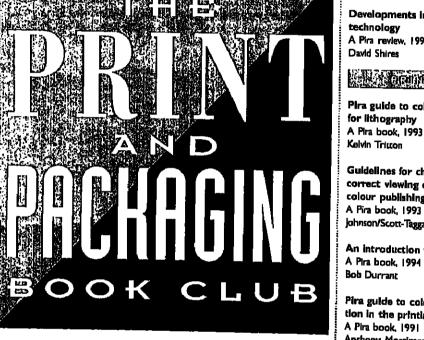
The outer structure of the 5 and 10kg bags is kraft paper with a sewn-on plastics carry-ing handle and stitched closure. To prevent the cement from puffing through the stitching

has been included b AssiDomän Medway (Medway House, New Hythe Lane, Aylestord, Kent ME20 6SH tel: 0622 717855, fax: 716360).

The result, says the company, is a leakproof cement bag that remains clean on shelf.







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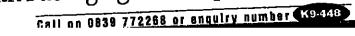
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#### **Keynote Presentations**

A strategy for the market of the 1990's

Victor Watson, President, Institute of Packaging, Former Chairman - John **Waddington Plc** 

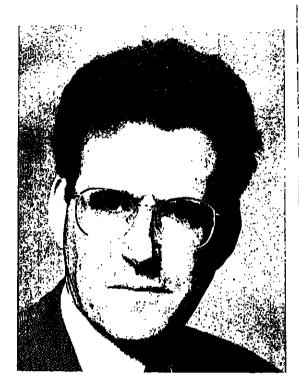


Facing the future - an insight into packaging industry trends

Brian Blunden OBE, Managing Director, Pira International plc

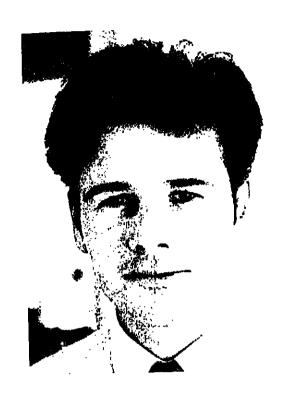
Partnerships - panacea and progress?

David Johnson, Business Planning Director. Lawson Mardon



Packaging for the consumer

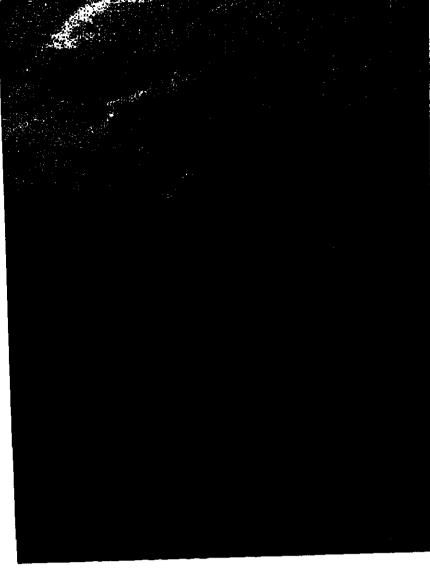
Paul McGowan, Head of International Research, The Added Value Company



Keynote Chairman:

Gerry Townshend, President, World Packaging Organisation





# Low this conference faces the future

packaging focus '94, on board the P&O ship Sea Princess from the 22-25 September, is not just another conference. It's a radical, 'new-style' of Event which takes a new approach.

Unlike most conferences, the topics and speakers at packaging focus '94 have been chosen on the basis of research amongst the delegates and will as such address those strategic issues most pertinent to their futures. What's more, the Event has been structured so that delegates can select just those sessions which are of specific interest, so there'll be no time-wasting either.

It's not just the style of the conference that makes packaging focus 194 so different however. It's the ability for delegates to set their own agendas which makes it so attractive. Indeed, in addition to the conference, the packaging buyers will be able to pre-schedule one-toone meetings with some leading suppliers and choose to attend think tank groups, where they'll have the opportunity to discuss key issues with their peers.

By gathering together, so many of the UK's top packaging buyers, we aim to provide a catalytic environment where people can hear the latest industry thinking leath of new innovations and most importantly, exchange and explore new ideas.

By taking part in such a forum, we hope that each participant will feel better equipped to face the future.

#### Workshops

Separate workshops will be held for different industry sectors including:

How to create innovation and benefit from technological developments in packaging

■ Food packaging

Richard Calder, Director, Interconsult Espana SL

Drinks packaging

John Thomson, Managing Director, Zenith International

OTC and pharmaceutical packaging
John Parsons Managing Director, Siebert Head
Tony Watts Creative Director, Siebert Head

Detempents and household products packaging
Alan Blake European Packaging Development Manager, Procter and
Gamble SA

The environment at minimum cost and for maximum competitive advantage

mine plastics industry Jim Pugh, Chief Executive, PIFA John Simmons, Managing Director, Recoup

The paper and board industry

Bernard Stonestreet, Director, British Fibreboard Packaging Association ...

■ The glass industry

Ron Cook MBE, Former Chairman, European Union for Packaging and the Environment

The metals industry.

Presenters: John May, Marketing Manager, British Steel Tinplate Alex. Griffin, National Manager, ACRA

■ Parmerships panacea and progress? Alan Cooley, Consultant, PMMS Consulting Ltd. Packaging price trends

■ The plastics industry

Rowena Mills, Chairman & Chief Executive, RMA

■ The paper and board industry

Peter Ingram, Marketing Analyst, Paper and Board Digest

Rowena Mills Ghairman & Chief Executive, RMA

■ The glass fidustry David Baxter, Senior Consultant, RMA

Packaging and the decision to buy Paul Southgate: Chief Executive, Wickens Tutt Southgate

Technologylinidesign - new horizons fony Bremner, Consultant, ABC

Packaging for an ageing population

Jane Moore: Project Leader, Consumer Concern, IGD

Ken Mulholland: Senlor Project Leader, IGD

Further information is available from Vički Morišon».

on 081-332 2422



packaging focus'94 22-25 September Sea Princess

Thomas Ainscough joins Battenfeld Gloenco Extrusion Systems Ltd as the company's managing director. Andrew Barnes has joined as blown films sales manager responsible for the UK, France and the Benelux countries.

Richard Allen, former commercial director of Polleth Packaging Ltd, has been made a member of the board. He takes over as managing director following Ronnie Gray's move into the role of chairman.

Stephen Boyd has been appointed managing director of the self adhesives manufacturer Samuel Jones & Co Ltd. Prior to this, he was the md of Sappi Specialities, the UK-based speciality papers company.

Barry Charpack has been made the director and general manager of St Neots-based Charpack Ltd. He will be responsible for developing the organisation and handling further expansion.

Eddie I folt and Anil Puri have joined the board of Melton Medes Ltd, the industrial group. Mr Holt, a main board director, will head up the poly-



Employment trends in at least one region - Mid-Anglia - have been improving over the last year, reports consultancy Partners in Recruitment (PIR). Government statistics give lower unemployment figures -9.4 per cent in May - and there has been an increase in the number of positions advertised in regional

Over the last eight months in particular, PIR (0480 493344) has seen a distinct upward trend in demand for its recruitment consultancy services across a range of market sectors. In its fourth year in business, the St. Ives-based company is currently expanding both its office space and staff numbers.

mer division and continue his existing executive capacities. Mr Puri is made a non-executive director.

David Thomas is the first Briton in 30 years to be made president of the European Federation of Corrugated Board Manufacturers (FEFCO), Mr Thomas is nul of Assi Packaging in the UK.

Peter Cook and Geoffrey Woodward have been made

board directors of Allen Davies & Co Ltd, part of The Berkshire Printing Group.

Anthony Forbes is to be appointed a non-executive director of Watmoughs (Holdings) plc, the Bradford-based

Michael Thornton, chairman and chief executive of T & D Industries ple, will be handing over these responsibilities to Bert Langford, md of the

company's packaging division. Mr Thornton will continue to

> Caroline Pickard has been made a director of Bradford based Concord Tape Solutions, the UK tape producer

Bill Lowe has been made sales and marketing director for Assi Packaging Scotland Ltd. John Skelton is now sales director for the UK market at

#### WATSON'S LAW A PRECEPT FOR ALL POLITICIANS

One man's subsidy is another man's tax

la aubvention de l'un représente toujours l'impôt d'autrui

Il sussidio di uno è la tassa di un'altr

Die Bubbention bes einen ist bie Steuer bes anbere

...So asserts Victor Watson, president of the IOP. 'Watson's Lay' has also been sent to, among others, EU commissioners and Imp Blair. Mr Watson has just been made an honorary doctor of laws at the University of Leeds. "It is a great honour, and I am appreclative of it," he tells Packaging News.

AssiDomän Multipack, formerly Multipack Wrap

Neil Posten is now sales account manager for the Castle and Valley divisions of The

Stuart Wallis, an executive

based in Dover.

director of Bowater plc, is less | ing the company to become chief executive of Fisons pk.

Cosmetic Inserts

London Fancy Box Company

## **Box waste into chip profit**

Boxes and Packaging in Swindon is the first UK company to install a Repap corrugated chip

Called Corruchip, the equipment is designed to turn waste into a value added product and offer an alternative to eps loose fill. It is an ideal purchase for anyone wishing to dispose of boxes, including retailers, product manufacturers as well as boxmakers.

Chips can command prices up to ten times higher than basic waste board and can be also sold for animal hedding or horticultural mulch, says machine supplier, Eurobox Machinery Ltd.

Shearer Sellars, md of Boxes and Packaging, a medium sized sheet plant whose customers are within a 4 mile

radius, tells Packaging News that the company generates around three 20ft containers of waste each week. Although it now receives £35 a load due to a tightening in the supply of paper, it is able to sell the chips for significantly more at £10 a bag, undercutting the price of



inished boxes and has a maximum feed width of 400mm. Electronically controlled, there are variable speeds and three

wide. An optional automatic control to produce chips of three sizes in the same batch can be added to the machine.

Other options that have been included on the Boxes and Packaging machine, include a dust extractor and a magnetic extractor to remove metal stitches and staples.

vert many of his customers whom he currently supplies with eps loose fill to Corruchip. Within a week of installing the machine, the company has already found five customers, and trials are underway with a further 25.

Products that can be packed in Corruchip range from electronic goods to fireworks, where the Corruchip locks the

The chipping machine turns waste into a value added product

product in to the centre and does not allow it to move around like eps, it is claimed.

board at 13m3 an hour and single wall board at 8m3 an hour.

Machines are supplied in the UK by Eurobox (PO Box 16, I-luddersfield HD8 9UL tel: 0484 863368, fax: 861924) which is holding an open day on 28 September at Boxes in Swindon.



## Paper deal

The Jefferson Smurfit Group ple is to acquire the paper and paper packaging operations of Cellulose du Pin, part of the French Compagnie de Saint-Gobain. The deal is likely to be worth IRE 638.8 million, including an acquired debt of [R£ 352.4 million.

Operations involved sclude 42 corrugated plants in France, Belgium and Italy.

"The Cellulose du Pin opertions complement our European operations, giving us a major position in France where until now we had only modest representation," says Dr Michael Smurfit, chairman and chief executive officer of the group (Mercer Flouse, Thames Side, Windsor, Berks SL4 1QN - tel: 0753 850451, fax: 840476).

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Luxury lustre for biscuits When relaunching its Classic luxury chocolate biscuit, Fox's asked Ferry Pickering Sales Ltd and Bonar Teich Flexibles to help design and manufacture individual and multi flexible packs as well as counter display units (cdu). A metallised 20 micron

opp film, gravure printed in 7 colours and reverse coated coldseal, has been laminated to a 14 micron film for high gloss by Bonar Teich (Nottingham Road, Derby DE21 7GY - tel: 0332 288800). It has been produced to give a luxury lustre finish to the multipack.

The edu produced by

Ferry Pickering had to continue this quality theme. It is six colour printed on a coated folding boxboard and uv lacquered, says the company (PO Box 6, Coventry Road, Hinkley, Leics LE10 OJJ - tel: 0455 238171, 251338).

"Ferry Pickering and Bonar Teich Flexibles have been both supportive and creative," says Carl Turner, marketing manager at Fox's. BONAR TEICH:

For further K9 Call for details information 169 0839 772268



## Pulp solution to computer transii Circular codes avoid

IBM, Apple and Acorn are nology companies to adopt titinents supplied by Universal Pulp Packaging Ltd (UPP) for the transit packs of its hardware products.

IBM is now shipping its Think Pad range in a moulded firment made from recycled pulp and, according to Laurie Baker, an IBM engineer in Greenock, "the pulp solution has satisfied our requirements from a cost and protection standpoint. IBM is committed to being environmentally friendly and where appropriate we endeavour to reflect this in our choice of materials."

Apple Computers Inc has introduced pulp packaging for the accessories of its Power Book Duo in both the USA and UK. Leslie Lindsay, the Californian-based packaging designer for Apple, has identified UPP as the leading European source for moulded pulp packaging. The Apple factory in Cork is now being supplied by UPP (Milton of Campsic, Glasgow G65 8EE - tel: 0360 310322, fax: 311975).

Acorn is also using pulp cushion packaging for its



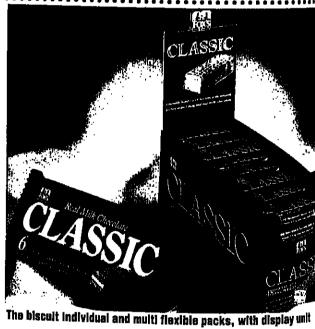
upple Computers Inc has introduced UPP pulp packaging for the accessories of its Power Book Duo

very important to us," explains

Medusa and A4000 computers. "From an engineering viewpoint, it is technically very capable of doing the job asked

Peter Stacy, senior manufacturing engineer at Acorn. "The leaders in the inforof it, and because it has been mation technology industry recycled at least once we know are recognising that conit is a green product, which is

now expecting environment awareness as well as technical excellence," comments Dut can Stewart, managing direct tor of UPP.



## sumers of their products are

# orientation problems

problems of reproduc-

tion and the inability of on-

which must give first time automatic scanning, but where the code can be difficult to orientate, circular target-like formats are now available.

All standard symbologies, including codes 39 and 128, can be generated in the 'Sureshot' format on-demand, says system distributor in the UK, Earlesmere ID Systems.

Conventional scanners need only pick up a single radius of the code, so avoiding the potential orientation problems with picket fence or ladder configurations. full circular code can be use, until printed. now, "A cirexplains cular barcode is lesmere In fact, the original concept of the barcode was possible with the be circular. The

Earlesmere model 470 printer. Cost effective solutions for existing problems can be found, says the company (Earlesmere House, Earlesmere Drive, Doncaster Road, Ardsley, Barnsley, S Yorks \$71 5EH - tel: 0226 204096, fax: 244169), as well as new applications.

Where there is space on the particular object identified with the code, the system provides an alternative to the installation of costly omnidirectional scanners. One major potential non-packaging application identified by Mr White is the coding of luggage labels. Sureshot is a trademark of the US Microcon Corporation, for which Earlesmere is the exclusive UK distributor.

## Fast uv cure ink ensures high resistance of codes

A fast uv cure ink has been formulated by Videojet Systems International for applications requiring special code

A curing time of just 0.5 seconds is given by Videojet when its 16-2720 is applied to ove substrates along with a typical uv emission of just 300W over a 1-inch spot.

#### "The ink gives good resistance"

The ink gives good scratch and solvent resistance as long as the uv system is specifically designed for the application, says Videojet (153 Dixons Hill Road, Welham Green, Hatfield, Herts AL9 7JE - tel: 0707 275844, fax: 275893). Substrate, uv energy and power emission, bulb type and orientation are

among the variables that the company takes into account when designing a system.

#### "Will stand up to alcohols and oils"

Alcohols and oils are among the substances which 16-2720 will stand up to. Packaging applications would include hard plastics casings, such as video cases, says the

As a pigmented ink, 16-2720 can only be used on the VIIII/P, VIIII/XP and Excel P printers from Videojet.

In some industries, such as wire and cable production and marking, the faster curing times will allow faster line speeds, says the company.

For further K9 Call for datal



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Further information is available from Vicki Morison on 081-332 2422.



packaging focus'94

Richmond Events, London House, 243-253 Lower Mortlake Road, Richmond, Surrey TW9 2LS INFORMATION WAS CORRECT AT TIME OF GOING TO PRESS 16TH AUGUST 1994

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'Little Dinners' dried ready meals are now wrapped in a sleeve

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7-8 September **Environmental Assessment and** 

Training course, Bedfordshire The Training Department, IWM Business Services Ltd, 9 Saxon Court, St Peter's Gardens, Northampton NN1 1SX - tel-0604 20426, fax 604467 7-10 September

Paperbox World Folding carlon and rigid box exhibition. New Orleans National Blenheim Expositions, FortiLee Executive Park, One Executive Drive, Fort Lee, New Jeisey 07024, USA - tel: 1 800 829

12-15 September International Can Manufacturing Technology conference and exhibits. Chicago, Illinois, USA Society of Manufacturing Engineers - Icl. 1 313

271 1500, fax: 1 313 271 2861 18-15 September Labalaxpo USA '94 Exhibition, Chicago, Labelex Exhibitions Lid. 131 Southlands Road, Bromley, Kent BR2 90T - tel: 081-313 3535

15-20 September Packaging Irade lair, Beijing, NOWEA international, Ms Ute Windhausen. Postlach 10 10 06, 40001 Düsseldort -

tel: 49 211/4560-743 16-20 September Tokyo Pack Exhibition of packaging malerials and

machinery, food processing machinery and equipment, Tokyo, Japan. Japan Packaging Institute, 7F Kashikichi Ningyo-cho Bidg, 3-10-1, Ningyo-cho. Nihonbashi Chuo-ku, Tokyo 103, Japan - lel<sup>.</sup> 813 3 3249 6301

20 September introduction to labels and labelling technology

Two separate leach-ins, the Grand Hotel Krasnapolsky, Amslerdam. Clare Brophy, event coordinator, Co-wise Management and Training Services, 131 Southlands

Road, Bromley, Kent BR2 90T - fel: 081-

313 3713 20-23 September

TW9 IDL - tel: 081-948 9800

European adhesives and sealants

France, Jane Malcolm-Coe, FMJ

International Publications Ltd.

Queensway House, 2 Queensway

Redhill, Surrey 8H1 1QS - let 0737

Packaging in the food industry

Training Course, Leatherhead, Pira

Packaging exhibition and conference, on

board P&O's Sea Princess. Richmond

Events, London House, 243-253 Lower

Mortlake Road, Richmond TW9 2LS -

Printpack 6/ProcessFood '94

Pan Arab printing and packaging

Convention Center, Egypt. The Arab

Communication Group - tel: 20 2 348

Packaging and printing exhibition and

conference, Bangkok, Thailand, Reed

Tradex Co Ltd - tel: 010 662 260 7103

Training Course, Northants The Training

Department, IWM Business Services Ltd.

9 Saxon Court, Si Peter's Gardens.

Northampton NN1 1SX - tel. 0604

Exhibition/conference on creativity in

print and publishing, NEC, Birmingham.

Read Exhibition Companies - tel: 081-

exhibition. Cairo International

International - 0372 376161, fax:

manufacturing exhibition, Bordeaux,

21-22 /September

768611, lax, 761685

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PPMA Show Convertex 94 Machinery exhibition, NEC, Birmingham Trade show dedicated to the paper, PPMA Ltd, Progress House, 404 board, film, plastics and foil converting Brighton Road, Couth Craydon, Surrey industries, NEC, Birmingham, Jane CR2 6AN - tel: 081-681 8226 Harris, Markeling Manager, Reed 27-30 September Exhibition Companies (UK), Oriel House, Materials, handling, storage and 26 The Quadrant, Richmond, Surrey

packaging Exhibition, Oslo, Norway, Norges Varemesse, Boks 130 Skoyen, Oslo 0212/2, Norway - lel: 47 22439100 27-80 September

27-29 September

Packaging Exhibition, Novosibirsk, Siberia Overseas Trade Show Agencies, 11 Manchester Square, London W1M 5AB - tel 071-486 1951 28 September

Design technology - the route to Improved profits Seminar, Leatherhead, Pira International let 0372 376161

28-29 September The Dublin Handling and Storage Exhibition and the Dublin Solids Handling Show.

David Tinsley or John Garnett, DMG Trinity Ltd, Times House, Station Approach, Ruislip, Middx HA4 8NB - tel 0895 677677, fax: 676027 28-30 September **AFERA Congress** 

Congress of the European Self Adhesive Tape Manufacturers, Annecy, France AFERA Secretariat, 60 rue Auber, F 94408 Vitry Sure Seine Cedex, France leielax: 010 33 1 45 21 03 50 28-30 September

FachPack 94 Trade fair for packaging, labelling and storage technology, Nuremberg. Veranstalter NürnbergMesse GmbH, Messezenirum, D-90471 Nürnberg - tei: +0911/8606-0. fax: 8606-256 29-30 September 2nd International Transit

Packaging conference and Conference and exhibition, Orlando, Florida, Moira Erwin, Pira International tel: 0372 376161, fax: 0372 377526

International graphic arts and packaging exhibition, Thessalonika, Greece, ICO Ini Tsirlmokou, PO Box 19025, Athens 117 10, Greece - tel: 30 901 0016

DIARY

3-7 October Europlast 94 International plastics and rubber exhibition, Paris-Nord Exhibition Centre. Michele Jackson or Catherine Chittock, Promosalons, The Colonnades, 82 Bishops Bridge Road, London W2 6BB lel 071-221 3660, fax: 071-792 3525 4-5 October

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30061, China - tel: 86 22 342 222

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Shanghai, China. Shanghai International

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Trade Information, 817-837 Dong Da

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Polypropylene '94 Conference, Swissôtel, Zürich, Switzerland Maack Business Services, Moosacherstrasse 14, 8804 Au/near Zürich, Switzerland - Iel, 010 41 1 781

30 40, lax: 781 15 69 5-B October Interplas/Interpack/Interprint International exhibition for the food processing and packaging industries, Jakarta, Indonesia. Reed Exhibitions tel: 081-940 3777

10-13 October International packaging exhibition, Tel Aviv, Israel Israel Trade Fairs Center, PO Box 21075, 61210 Tel Aviv, Israel lel: 972 3 646 2422

11-14 October Budatranspack International packaging and materials handling trade exhibition, Budapest, Hungary. Hungexpo Budapest, PO Box 44. HO-1441 Budapest, Hungary - lel: 36 1 157 3555 11-14 October

process exhibition, the National Exhibition Centre - The Point Dublin. Printing and Equipment Show McCann McGuirk Presentations. Exhibition, Olympia. EMAP Trenton, 840 Greenmount House, Harold's Cross Brighton Road, Purley, Surrey CR8 2BH - lel: 081-660 8008 11-15 October

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Metal processing fair, Leipzig, Germany. Intech Overseas Fairs Ltd. P O Box 142, Rochester, Kent - Iel: 0474 824092 12 October

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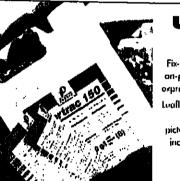
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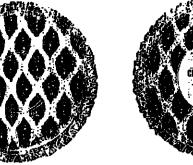


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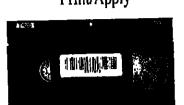
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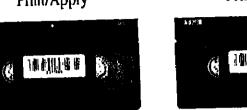


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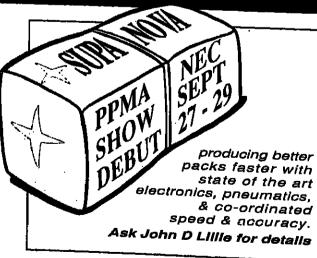
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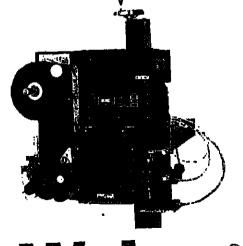
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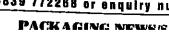
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Longford Europe has introduced a specialised feeder - the 3D-901 - for dispensing three dimensional products onto packaging lines.

The unit has the ability to index register, cut and automatically fire three dimensional items such as games, toys, other pouches into bags, cartons or trays.

Product must be prepacked in a bandolere format. The feeder has its own servo drive motors, microprocessor and uses no vacuums or cams to drive from a parent conveyor.

Machines can be linked to a vertical bagging machine, cartoning line, horizontal wrapper or any other application that requires automatic feeding of difficult to handle, three

Longford (Gouveneur Roppesingel 81/2b, 3500 Hasselt, Belgium - tel: 010 32 11 28 40 26, fax: 28 40 32) tells Packaging News that the dispenser requires only 15 minutes of

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operator training time and 5 minutes set up time.

Machines have just been installed in the UK for cereal and confectionery applications, Edward Paterson and of Longford Europe tells PN.

It can be mounted besides the scales on vertical bag equipment or at floor level, and has multiple head dispensers.



THE TEA-CARTON!

THE CARTO

STRETCH!



Yoghurts, creams and quality dairy desserts can now be packed in polypropylene containers with a cartonboard sleeve, now available in the UK from Corporate Packaging.

Both thermoformed flatbase pots and injection moulded pedestal pots can be supplied for microwavable products in the ready meals and dessert sectors, says the company (23 Long Garden Walk, Farnham, Surrey GU9 7HX tel: 0252 717077, fax: 717005).

minium can recycling centres reporting a record breaking month, with significant increases in the number of aluminium cans recycled compared to previous years," says Alex Griffin of ACRA (tel:

ecvelinga

ACRA's research indicates that 21 per cent of UK consumed aluminum drinks cans were recycled in 1993, with the aim for 1994 to achieve a recycling rate of 25 per cent.

## **Easy-peel sleeve** on pp dessert pot

containers which are said by

the company, to use 40 per cent

less plastics than traditional

pots. The board is made from

80 per cent reveled material.

As well as offering environ-

mental features, the board pro-

vides for a far higher quality

printing surface than plastics

for full colour illustrations. As

the board can be removed.

marketing and promotional

messages can be printed in one

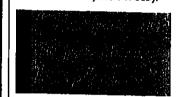
also now be available on the

range of polystyrene contain-

ers produced by Veglaplast

Cartonboard sleeves will

colour on the reverse side.



Veglaplast of Holland, one of Corporate's principals, has been licensed by Sandherr Packungen of Switzerland to produce these board/plastics

Heatwaye boom for canned 021-633 4656). drink sales

Record temperatures have resulted in increased sales of canned drinks and 'booming' recycling figures for aluminium drinks cans, according to

the Aluminium Can Recycling

Association (ACRA).

"July has seen many alu-

## Label printer meets pallet needs



to the retail and automotive industries that are now required to provide barcoded pal-Previously, says the comlet labels or be delisted, BPC Numeric Arts has launched a wide-

format printer. The 170Xi thermal transter printer is capable of printing 168mm wide labels up to 152mm a second. It readily accommodates a variety of compliance labelling specifications including Odette for the automotive indus-

The Zebra 170Xi thermal transfer label printer

try and EAN-128 for the packaging industry, and various pallet label formats, says the company (First Avenue, Globe Park, Marlow, Bucks SL7 1YA - tel: 0628 487000, fax: 487007).

pany, EAN-128 paller printing at A5 size to meet required industry standards meant using printers that were either too small, thus failing to produce labels to the required standard, or too large and therefore wasteful and expensive. Print head sizes of 5.5in produced labels too small to meet EAN-128 specifications, whereas the 8in printers were printing labels much larger than required with the resulting waste of money and materials.

The 170Xi is designed for the automotive industry Odette, and to meet EAN-128 standards, says the company.



## Tins protect riding hats

they were protected by headgear made by Thomas Townend. Today, equestrian headgear made by the same company is protected by metal containers made by Wallin, Peckiney Packaging's specialist manufacturer. Designs on the containers were created by Elger International, whose director Mark Packham says: "There were a few fears about the tins becoming dented but now everyone is generally pleased with the product."

Further information is available from Pechiney Packaging Food & General Line Ltd (100 Capability Green, Luton, Beds LU1 3LG tal: 0582 481717, fax: 25954).

## Tissue visual underlines softness and thickness

The Scott Paper Company has relaunched its Andrex Gold and Andrex Gold Custion Soft in packaging designed by agency Minale Tattersfield

The creative solution rein-

forces this message with a visual of the Cushion Soft lettering sunk into a pillowy fabric which is tinted to the colour of the tissue inside, says Minale (The Courtyard, 37 Sheen Road, Richmond, Surrey TW9 1A] - tel: 081-948 7999, fax: 081-948 2435).

The new branding is said to underline the product characteristic of ultimate in softness and thickness, while retaining consistency with the mainstream Andrex brand.

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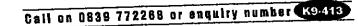
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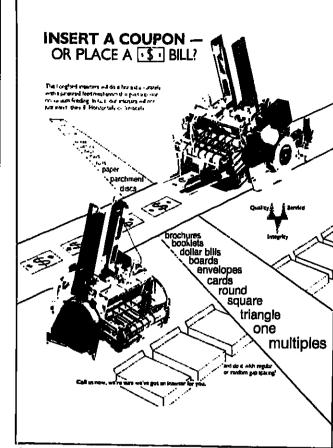
Our new company logo is symbolic of this.



AssiDomân Frövi Ltd

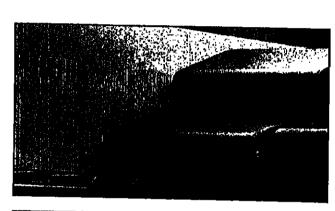
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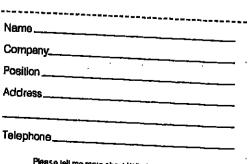
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brane to reseal board. Instead, a transparent polymer Please tell me more about Willett coding systems

The appearance of the foil, offers further benefits in particularly when printed, is much improved and the reseal performance of the liner in the

Nestlé UK is now using cap also reduces any tendency Quadraseal liner from Sonoco of the product to 'cake' in the Capseals for its Nescafé range jar after removal of the foil by the consumer, says Sonoco (Greenock Road, Trading

Other ben-



match production, says strong and easy to handle."

Smith Packaging Systems (Bath Information 155 0839 If 20

Liner reseal prevents caking in coffee jars

SWF Bilssmatic case erector; reducing bulk product packaging

Case erector gives

Brewery, Toll Bridge Road,

Bath BA1 7DE - tel: 0225

852554, (ax: 852528). These are

then used for bulk distribution

of hot melt adhesive, shipped

in pastille or slat form, to all

equipment, Clive O'Sullivan,

production manager at Bear-

dow & Adams says, "This

new case erector is quick.

quiet and has proved totally

boxes it produces. These are

formed from a wraparound

with separate end pieces, and

the resulting solid-based case

has proved extremely popular

with our customers, being both

Equally impressive are the

Commenting on the

parts of the world.

trouble-free to date.

lightness benefits

Hot melt adhesive manufactur-

er, Beardow & Adams has com-

missioned its second SWF

Blissmatic case creeting machine

to allow it to reduce the size

of its bulk product packaging.

cern over the health and safety

implications of regular manual

handling of heavy loads has

prompted the company to

reduce the standard weight of its

packs from 25 to 14kg. The ben-

efits of these lighter packs will

be felt by the adhesive manufac-

operators of its customers.

turers' own staff and the line

erects three piece 'Bliss-boxes'

of 14kg capacity which are

produced on a jit basis to

machine supplier David S

of coffees.

The Blissmatic machine

Beardow & Adams' con-

ance of the new non-wax lamination

warmer climates.

John Waddington ple has nnounced plans to effectively double the size of its folding carton business, with the acquisition of Imea Cartonnages, Hoogerheide, of the Netherlands. This is the first such alliance between two major companies of this type in the UK and continental Europe, says Waddington (0532 770202). David S Smith (Holdings) pic (071-222 8855) has acquired Ashton Corrugated Ltd from French group Otor for £15.5 million. Ashton works from

Incations in Bristol, Clay Cross and Dumbarton, specialising in die cutting and preprinted corrugated board, principally for the food Industry.

A planned annual increase in pet manufacturing capacity of 45 per cent by the end of 1998 has been announced by Eastman Chemical Company (010 1 212 7825203). Its Spanish affiliate is planning the construction of a 60,000 tonne pet plant in San Roque, Spain.

Jarvis Porter Group (0532 703000) has anounced the completion of its purchase of the Dutch NGC (Niederlandse Grafische Groep by). Product areas catered for Include selfadhesive labels and tea and coffee labels and packs.

Companies CarnaudMetalbox and Wheaton have announced the merger of their respective health and beauty packaging operations to form Wheaton International, headquartered in the USA. This will enable both CMB (010 33 I 44156800) and Wheaton to reach worldwide markets.

Amoor Ltd has acquired the remaining 51 per cent equity it did not already own in Willander Holdings Ltd, the UK corrugated box manufacturer. The first 49 per cent was acquired by Amcor (0480 498164) in March 1991.

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Barry Hughes, sales director, of Sussex & Berkshire Machinery Co

Alusuisse-Lonza Holding Ltd has announced that its packaging division will now be known as Lawson Mardon Packaging (LMP), with all former A-L Packaging and LMG companies integrated into this grouping. The division will be the eighth largest packaging supplier in Europe, estimates LMP (0272 484200).

Research and development by UK packaging companies has increased by 15 per cent to £40 million, according to Company Reporting Ltd (031-558 1400). Top spender in the sector is Arjo Wiggins Appleton, with De la Rue and Bowater also high on the list.

**Minipack Sampling Solutions** has been acquired by McCormick (UK) plc. The sample and promotional pack manutacturer (0489 761637) will become a part of McCormick's packaging division.

The US Packaging Machinery Manufacturers Institute (PMMI) - sponsor of Chicago's Pack Expo, held in November - has transferred its offices from central Washington to Arlington Virginia (tel: 010 1 202 3473838, fax: 6282471).

The UCB group of Belglum has announced the formation of UCB Flexibles, with Tony Kendall as UK md. The company (0606 784453) will act as the sales and marketing arm

Gerald Malone MP presenting BS5750 to Derek Moore, md and

for UCB T&R Graham Ltd and the other group plants in continental Europe.

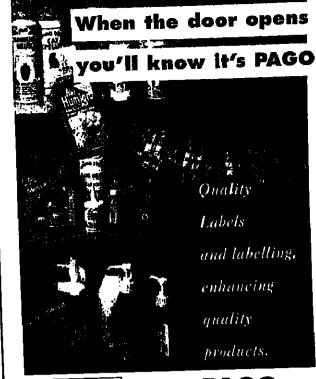
Foam engineer Polyformes Ltd (0525 852444) has reopened its Leighton Buzzard plant a year after fire destroyed the site.

Cartonmaster (UK) Ltd (0260 297000), now part of the Waddington group, has invested £1.5 million for a 30,000 sq

ft purpose-built factory, increasing its capacity to two lines of the primographic inline carton production system.

The eight-year dispute between Nissei ASB and Aoki regarding some 300 patents held by Aoki in stretch-blow moulding has been resolved in Aoki's favour by Japan's Supreme Court, says UK agent for Aoki and Nissei Plastics, Trendpam Machinery Ltd (081-391 4411).

A strategic alliance has been struck between Bowater Containers Ltd, the corrugated division of Bowater Packaging. and the Corrugated Board division of NV Koninklijke KNP bt, manufacturing in the Netherlands and Germany. A supply network for pan-European customers will be offered. Bowater Packaging is a wholly owned subsidiary of Bowater pic (071-581 1149).



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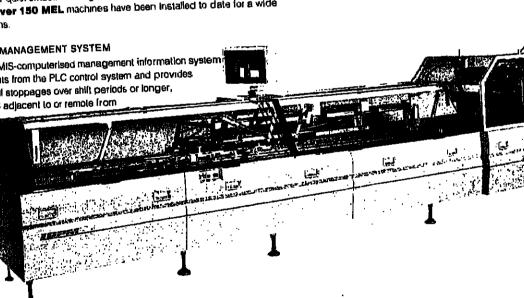
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PERLAMITLE EXICATES

Call on 0839 772268 or enquiry number K9-477 PACKAGING NEWS/SEPTEMBER 1994 Th 1 ener - ---

A high speed case erector from Italian company Bortolin Kemo - the first of its kind in the UK - complete with a high volume infeed for blanks has replaced manual case erecting at Calypso Soft Drinks.

Expanding its end of line systems to cope with increased demand across its range of soft drinks - including the topical Flintstones brand - Calypso has installed the UK's first high speed, automatically-fed Bortolin case erector sold by agent GBE Lerner-Burgess.

"The whole exercise has improved the efficiency of the operation and the general apearance and quality of the product itself," says Calypso group engineering manager John Ball.

Other equipment installed

erector includes a PH24 side-

GBE Lerner-Burgess, for wrapping collations of filled cases.

case erector

have a high level hopper which may need refilling every five minutes at the machine's top speed of 37 cases GBE (Fleming Road, Hinckley, Leics LE10 3DU tel: 0455 613888,

fax: 618538). On this model Cases for Flintstones soft drinks are erected

powered conveyor infeed allows up to 1000 blanks to be loaded at a low level. Grouped in up to eight piles, this supply will last as long as 30 minutes, says GBE.

The system means that manual lifting is minimised. Since many of the blanks used are high-gloss, with a risk of instability, the final section of the infeed conveyor slides forward to place the blanks into the guides of the magazine.

Cases are glued with hot melt adhesive and then hand filled with 12 or 24 membrane sealed pp cups of soft drink, Completed cases are hot melt sealed shut, then shrinkwrapped in 2 x 2 or 3 x 2 formats.



Each pack of linings is automatically oriented in the right position

Print and apply equipment handles bulky brake linings

Heavy packs of brake linings are being labelled by print and apply equipment from Herma Labelling Systems in an installation replacing hand applica-

With each pack weighing up to 40lb, the packer required an infeed which could take this bulk and weight, with sensors to stop the operation automatically should product of the wrong height be fed through. This is vital to avoid damage to the labelling module.

Herma's unit uses thermal transfer printing rather than the dot matrix used in the previous manual system. Coding and labelling quality as well as speeds are improved in a single smooth handling process,

The new single site will

combine production, sales

and service with the

specialist converting

activities of

subsidiary TAVAK

the conveyor is among the fee. tures adding to the visual High resolution digital proofing appearance of the product. The system will accommodate a range of pack shapes and size.

Automatic orientation on

transfer means improved legi-

bility even on convex or angle

shapes. The correct label/prod-

uct combination is ensured

when a digital code is keyedin

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limitations of operating

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London where this long

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HULME MARTIN supplies heat sealing equipment,
Sealers and overwrappers for stretch or shrink film

to reduce lead times even further by cutting out the Cromalin stage is now available at digital says Herma (The Hollands artwork reproduction company, Centre, Hollands Road, Digitee Design Ltd. This allows Haverhill, Suffolk CB9 8PR a customer to approve its design tel: 0440 63366, fax: 706834). concepts without the need to The dense character reproproduce films. duction possible with thermal

Taking the digital route one step further is possible with the installation of an Iris inkjet printing system, from Scitex, as part of a £250,000 investment at Digitec (Nottingham Road, Spondon, Derby DE2 7XA - tel: 0332 281302, fax: 281952).

The context system, supolied by Xyvision, is being upgraded to make the dar operation four times faster. More powerful scanning and

retouching with an additional work station complete the new equipment.

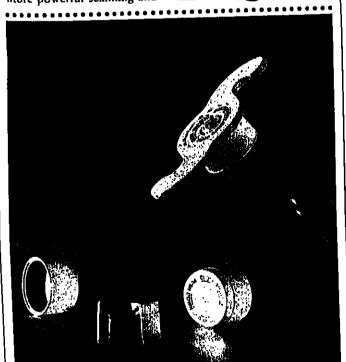
S MURRAY & CO

Digital proofs cut

lead times further

This means Digited can now produce digital proofs showing special colours as well as process colours so customers see more accurate representations of their designs.

To offer a more complete prepress service, a £1 million investment programme has been set up with sister company Tecnograv, which now has five engraving machines. Based on the same site in Derby, Digitee and Technogray offer an integrated service to help reduce makeready time by two thirds and independent operations according to project requirements.



The SafeTE closure from Jaycare Ltd, working with Wellcome

## Closure helps to tackle sticky liquid problems

A closure that combines tamper evident and child resitant features for use with sticky liquid preparations has been developed by Jaycare Ltd following close collaboration with ethical pharmaceutical manufacturer Wellcome.

The SafeTE closure incorporates a secondary drive mechanism that provides a means of removing the cap should the primary drive fail

It incorporates a separate 'opening aid' for use by the elderly or arthritic.

The cap liner provides the main barrier to the liquid, says Jaycare (14 Alder Road, West Chirton North Industrial Estate, North Shields, Tyne & Wear NE29 8SD - rel: 091-296 0303, fax: 091-296 1842).



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## Labels designed for endurance

A system claimed to be the world's first integrated system for designing and printing permanent labels has been launched by Episys Ltd.

Called Armatext, the system has been developed in conunction with Raychem, a leader in polymer science and International to allow companies to meet increasingly stringent statutory health, safety

is software specifically developed by Episys to allow fast and easy in-house design and production of labels. These can carry variable information in large or small quantities and in sizes up to A3.

## "Database is

## **Environment-friendly board blisters**

range of board blisters which provide an alternative to conventional plastics and card combinations has been introduced by Storey Evans in esponse to environmental considerations.

Some European countries will no longer accept plastics and card combinations and so the board concepts, and machinery to produce them, have been developed by Sprayt Holland by, Storey Evans' Dutch subsidiary. The range includes one and

two part, mono material board blisters as well as a sealed, folded over board and plastics blister, which does not contaminate the overall pack when opened.

tory, with machinery to creet All three styles are pro-

509228).

Autan insecti

ohnson

products.

cide range and

Johnson is using

the concept fo

its oral hygiene

Holland b

also has a contract packing fac-

Leeds LS19 6EA - tel: 0532 502323, fax: The packs have already been adopted by pharmaceutical company Bayer for its

ter and then fill product.

Spruyt Holland by, which is

# Prepare for Interphex

With four months still to go before Interphex 94, the exhibition for the pharmaceutical industry covering raw materials through to processing and packaging equipment, the show is 90 per cent sold.

It is expected that over 200 companies will be represented at this year's event, which takes place from 23-25 November at

Olympia, London, A two day conference with the theme 'Capitalising on a Changing Pharmaceutical Market' will run alongside the show.

A brochure on the conference is available from Caroline Elliot at IBC Technical Services (tel: 071-637 4383). For information on the show, contact organiser Reed Exhibition Companies (Oriel House, 26 The Quadrant, Richmond, Surrey TW9 [DL - tel: 081-948 9840, fax: 081-948 9989).

## **Entry forms for Starpack**

Entry forms detailing judging criteria in the Starpack 95 competition are available from the Institute of Packaging (IOP), with closing date for entries set at 30 November this year. A consumer transit display package section has been created. Details from the IOP (Sysonby Lodge, Nottingham Road, Mehon Mowbray, Leics - tel: 0664 500055, fax: 64164).

For further K9 Call for details information 133 0839 772268

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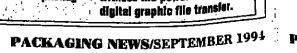
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ing industry.





## Pvc: the latest moves and evolving markets

Demand for resealability in flexibles and the evolving markets for pet are among the areas of plastics surveyed here. We dedicate the beginning of our feature to the latest moves in pvc packaging and the material's profile in and beyond the UK.

When a company such as Evian opts to switch from pve to pet for mineral water in the domestic French market, environmental groups are quick to claim this as yet another nail in the coffin of pvc. But overall the picture is much more balanced, even in continental Europe, and when changes do occur they are often as much to do with logistical considerations as they are with "green credentials".

Approximately half the bottles used by Evian have

been supplied for the French market in pve, but for logistical reasons the company will standardise in 1995 on the pet used for export markets.

nies change to pve - and this also happens - we hear a lot less about it. These decisions are more often to do with mundane reasons such as price and performance.

Admittedly, short term price rises in themselves have a limited effect in determining the type of plastics specified. While

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Of course, when compa-

may lead to a shift for certain applications in, say, the automotive industry, this is unlikely in itself to be a cause of such a change in packaging. Of course, when price increases are potentially of the order of 50 per cent,

In Germany, legislation has led to a reduction in the use of pve for packaging purposes, despite lower prices for this material as compared with

> According to figures from the BPF (British Plastics Federation), some 14 per cent of pve by weight is used in packaging applications in the UK. Over a quarter of worldwide production comes out of Western Europe - slightly more than from North America.

substitutes such as pet.

Hoechst Films reports that

while demand for its pvc prod-

uct is growing in technical

areas, for packaging applica-

tions it is shrinking - especially

in Central Europe. But the

trend for the UK seems to be

one of continued growth.

The UK is still a net importer of pvc, but domestic production will be add ed to by the decision of EVC to expand capacity at its Runcorn plant by 30,000 tonnes a year.

In the UK, retailers such as Boots have been quite open about staying with pvc. "Wekeep a watching brief on all sorts of materials and pye is one of them. We don't see a proven case against it on environmenal grounds," Phil Stubbs, environmental coordinator at Boots the Chemists, tells PN.

But whereas a UK retailer

This sort of double stan-

they would deny using it if this

dard is also said to apply in some Scandinavian markets. and is perhaps inevitable where users of the material do not believe or care about any enviconmental risk there may or may not be, while playing on these perceptions for marketing advantages. Earlier this year, a German regional court of appeal ruled that a "Pvcfree" flash on packaging conninted unfair competition.

The debate between prolucers and users on one side and the environmental lobbies, led by Greenpeace, on the other ontinues. Advertising describing pvc as an 'environmental oison' was withdrawn follow-

Rhovyl and Elf Atochem bare

recycled pvc mineral water

Spencer can openly support

pvc for performance and pix;

reasons, under the DSD iright

supermarkets which have led

the field in finding substituts

for the material, and made Ger-

many the only country to do

In Belgium, the threat of the

this in large quantities.

Just published is a fact-

sheet. "Pvc - the Facts",

avallable (ree for individual

copies from the BPF (6 lab

Place, Rivington Street in

don EC2A 3JE - tel: 071-47

500D, fax: 071-457 5048).A

covers what pvc is, where

and how it is made and the

Footax persuaded many users, [

mong them mineral war gire

Spa, to reassess the plastics that

specifical for large volume products

have led the large German read-

ers to turn away from pva buil

suppolices report that some have i

expressed interest in buying

the material given the right

Environmental perception

different applications.

bottles to make jumpers

suggests that foetal development and immune system damage were the key areas of concern with exposure to dioxins, rather than cancer as previously believed. But end users of pvc pack-

aging do not see supposed links with dioxins as a problem. While Boots is aware of the debate, it believes that incinerators, for example, now have sufficient safeguards to allay any concerns, says Mr Stubbs. Preconceptions concerning

the material run very deep, even in the UK. Pifa had to step in to have a statement in Sir Sydney Lipworth's report to the PRG amended to give a fairer view of pvc's current starus in UK packaging. The original statement said the material tributes to the total of those constituents deemed to be a risk. Aiming to demonstrate

environmental responsibility, users and suppliers of pvc in Germany have formulated a 'closed loop' recycling concept for pve - more particularly for larger scale rigid pve applications, but with the possible inclusion of returnable packaging or product separated under the DSD.

#### "Bottles are \* used to make jumpers"

As reported in last month's issue, pve mineral water bottles in France are being recycled and used for making jumpers with the help of producer Elf Atochem. One advantage of pvc in recycling generally is its tolerance of impurities. According to Hoechst's films

division, films can be converted from just 94 per cent pure pvc.

PLASTICS

But perhaps the biggest help in rehabilitating pyc on environmental grounds will be given by the BASF chemical recycling facility at Ludwigshafen, and the DSD's support of it. The great advantage of this installation is that it can handle mixed plastics and break them down, irrespective of their composition, in a scaled environment.

While pre may still do well

in terms of cost and, in general terms, performance, the material may suffer from a lack of investment on improvements to it, according to some moulders. But Jim Pugh, chief executive of Pila, points out that it remains the most widely researched plastics material. "The use of pvc worldwide is growing. People do not hesitate to support such growth with underpinning development," he tells PN.



### Lids beat strawberry crush

Sharp Interpack, designed to fit the latest metric range of cumets for soft fruits.

"Our lids enable punnets to be stacked, saving storage and shelf space," says Jeremy Sampson, sales and marketing director at MY Sharp (Aylesham, Kent CT3 3EF - tel: 0304 840581, fax:

For further K9 Call for details The fids will fit containers in 250, miormalion 40 0839 772288 340, 400 and 500 g sizes.



Plastics (0443 225520) for its Sun and Swim shampoos and condilioners. The frosted pvc is multi-pass printed.

ing a ruling in Vienna's commercial court. This ruling was then overturned in favour or Greenpeace, although plastics manufacturers are currently battling in the supreme court for a return to the original judgement.

Meanwhile, attention is once more concentrating on the contribution of pvc to dioxins in the atmosphere and the dangers posed by them. An EPA (Environmental Protection Agency) report in the US

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"is being phased out on environmenul grounds".

The Ecocycle Commission in Sweden concluded that its major concern was for stabilizers in rigid and plasticised ove. As always, the debate has become one about threshold levels and comparative threats from these and other sources. Industry sources agree that the identification of a "soft" target such as pvc bears no relation to the degree to which it con-

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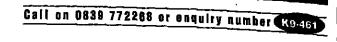
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## Resealable bags: why the delay?

Given the proliferation of reclosable systems for plastic bags, and clearly identified consumer demand for them, why are companies dragging their heels over incorporating resealable systems that would make consumers' lives easier. asks Camila Reed?

SETTING

Reclosability, like openability, is a subject that strikes a chord of consumer dissatisfaction, but very few sectors have, as yet, adopted resealable bags.

To date, most penetration has been in the grated cheese market, some flirtation with frozen vegetables and fish by major retailers and there have been forays into the confectionery and nut markets. One UK retailer, Safeway Stores ple, uses a reclosable system for rice.

The adoption recloseable hag systems has mainly been driven by suppliers not retailers. It seems this will continue to be the trend until the systems available are faster, easier and, most impor- not so far been recorded in the

tantly, cheaper according to major retailers.

A number of manufactur ers now provide 'zip-like' rescalable closures for flexibles. In the UK, Supreme Plastics (Supreme House, 300 Regents Park Road, London N3 2TL tel: 081-349 3434, fax: 081-346 1624) and Hanlex Ltd (Blackhorse Road, Letchworth, Flerts - rel: 0767 600534, fax:

678431) offer these. These reclosable options can be produced on vertical and horizontal form, fill and seal or flow wrap systems in mono pe, coextruded laminates or complex laminates.

Many retailers still need to be convinced that consumers want reclosable systems and that they will pay more for them, however. While market share improved by 25 per cent for Express Foods when it used a resealable bag for its Eden Vale grated cheese the same has frozen food sector.

PLASTICS

Chris Griffin of Pl Design Consultants says its recent consumer research indicates that: "72 per cent of men and 57 per cent of women raised reclosure spontaneously, including giving pack examples." Cereals, milk/juice and examined them in the past. The bacon packaging were the products most highlighted.

The higher response from men was attributed to women being the family purchaser who is pragmatic, and knows where the sticky label or elastic bands are kept in the kitchen

to close things up. Reclosable systems were generally accepted by consumers where there was no big fuss made about them: then they were seen as an advantage. If there was an on-cost, and a big fanfare made about it, then there was a swift and emphatic consumer rejection

of the pack, says Mr Griffin. Iceland Frozen Foods tells

of flexibles. We are still looking PN that it believes that conat too high an on-cost." sumers expect packs to be easy to open and to reclose and see

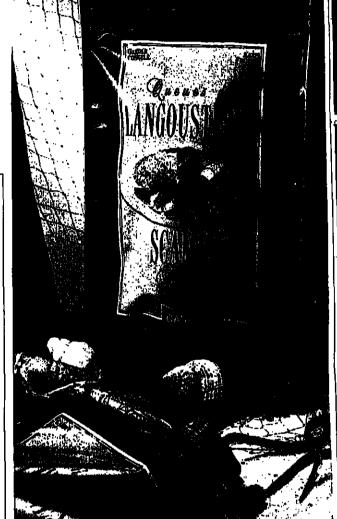
THE THE PROPERTY OF THE PARTY O

premium for the reclosure sys-

main obstacle has been cost.

Flesitancy by retail onless to use reclosable bags in frozen it as part of the design, and for loods is because the margins this reason they will not pay a are so tight in this area. With tem. Iceland cloes not currently grated cheese, a value added use any rescalable systems. product, people are prepared although the company has to pay a premium.

"If a system puts Ip on a nack, it won't be adopted," "The systems available says Mr Oxborough of Safe. way. "It is a pity because the have not justified the on-cost. technology is there, but I think There is no system to date that as people look to update which is acceptable in quality



Pre-made zipper bags for Danapak, a Danish seafood manufactu

think that in a competitive

market place it is difficult to

justify 1 or 2 pence extra. However, despite rejecting it

before, one always returns. We know it must be an advantage

to consumers but they are not

Despite these reservations,

the company is about to launch

a food product in a resealable

Safeway's packaging tech-nologist, David Oxborough,

2kg pack of rice and its own

label grated cheese in a reseal-

able bag. "The resealable bag

for rice was offered to us by

the supplier and the on-cost is

absorbed by them, so we have

Privately some retailers

"Retailers are not helping

said they should be doing

more, however, others unofficially told PN that resealability

these initiatives like openability and reclosability. They want it

done by somebody else and

made cheaper end of story," says Mr Griffin of PI Design.

no premium on the shelf".

is not a big issue for them.

prepared to pay extra."

bag this month.

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ered a simple in-line system which is in effect the ring pull

or function for the cost," says their systems they will incorporate this technology." Iceland. "There is no increase in sales using a rescalable bag. I

Tendafrost Frozen Foods Ltd recently launched its 4lb frozen peas in a Hanlex resealable bag (see PN August) which has to date, been available in limited numbers. Consequently, consumer reaction has been difficult to measure.

"But the range has sold well albeit in a limited market," says the sales director of Tendalios. "It is therefore to be extended to include 2lb bags to enable us to reach a wider market and be in line with the market trend says that the company packs a towards smaller packs."

Sarah Davies of Supreme Plastics, which already supp rescalable systems for cheese and confectionery markets, says that a rescalable system does add to packaging costs. becoming more expensive than a pillow pack. She believes, however that resistance to resealable systems is largely due to customer ignorance.

"Some people think they have to have a ffs system," she says. "But if you want to do a market test, Supreme can provide anything from a bag you fill by hand to a semi or fully

automatic system." But Mr Griffin does believe HANLEX: some complaints about the current systems are justified. "Somebody still has not deliv-SUPREME:

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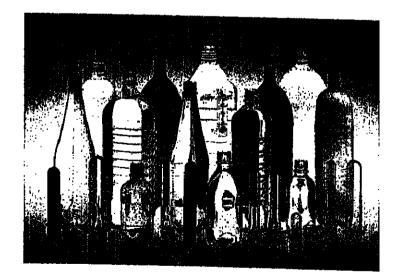
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## **Collaborators** in colour creation

Although colour compound and masterbatch makers for the plastics moulding industry traditionally deal with the injection and blowmoulding teams, packaging technologists are increasingly approaching them direct, to ask them to design colours.
Andrew Donkin, commer-

cial manager at Victor International Plastics, the colour compound and masterbatch maker, tells PN: "The earlier we become involved the better. It's not unusual for us to be working with the marketing and development departments for 12 months before a product is launched."

Recently the company has worked with Boots The Chemist on its No 17 Cosmetics, Sara Lee on its Radox herbal bath and Marks & Spencer on its hair care range.

The company, a division of Bowater plc, uses spectrophotometers linked to computers to generate colours on a visual display unit. This saves time and gives increased colour control, according to Victor.

#### "A library of 40,000 colours'

If a customer has a sample of the colour they wish to match. then we may well have something suitable in our library of A colours. If not we can use the spectrophotometer to quickly help produce a match," says Mr Donkin.

Customers may create their own colours. "They sit with us and if they want green we can run through the options on screen, adding a touch of blue or yellow to obtain the exact colour."

The colour laboratory then. produces a plastics plaque of the colour shown on screen in the polymer intended for the product. "There is no need for a series of plaques to be sent between us and our customers until eventually we hit on the 'sky blue green' the customer wanted all along. If a customer is introducing new colourways for a relaunch, the time savings

can be considerable."

Trialling the colour in the polymer is vital because different polymers react with colour in different ways. Opacity and texture affect the visual impression. Lighting is also considered: Victor has on-site facilities to match for north daylight, artificial daylight. tungsten or the lighting condi-tions of a specified retailer.

cutting waste and costs.

Four Woolworths store

are trialling the recycled display

pods and further stores are

planned. Previously Wool-

worth's display system used

injection moulded white pods.

Victor has set up a repro-cessing programme for Wool-

worths, involving a number of

suppliers. Sorting and grading

of the original white pods is

done by plastics recycling

company Tripenta Ltd, which

regrinds the ps and extrudes it

delivered to Victor in 2.

sacks, where it is coloured to

Woolworths' precise new spec-

ification before being re-

extruded and delivered to

from raw polymer to produce

a specific colour. In this case

we are recycling an existing

colour, which we have to alter

to produce the perfect end

result, a process made simpler

and faster by our computerise

colour spectrophotometer,

moulded into the required

form and delivered back to

Sloane for installation in the

comments Mr Donkin. The material is finally

high street stores.

"Normally Victor works

Regent Mouldings.

Pelletised material is then

in pellet form.

#### **Plastics** "Designed to tray needs cut waste and costs"

supplied Victor (4 1 lockley Court, 240) Stratford Road, Hockley responding to the needs of Heath, Solihull, West Midlands small to medium size bakers B94 6NW - tel: 0564 783113. for plastics food trays given the fax: 783118) is currently helping imited selections available to re-colour and recycle Woolfrom larger suppliers, it says. worths' existing in-store music displays in a scheme designed at

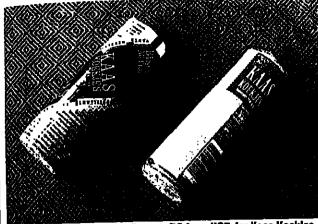
Masterform is broadening its range of trays to fill growing gaps in the market as some competitors reduce theirs. "Unless they get substantial, regular orders, some of the bigger vacuum formers are drop-

...........

have been forced to seek alternative suppliers, sometimes at very short notice.

MDM organisation

#### PLASTICS



## Clear opp efficiency

Machine efficiencies were the main reason behind a switch by McVitie's to using acrylic coated clear opp from UCB Films for packing a major Dutch biscuit range.

Kaas Koekjes, cheeseflavoured salted biscuits, are distributed as own label brands in the Netherlands. "We were looking to improve the heat seal of our previous film," says McVitie's spokesman. The company also wanted alternatives to a pyde coating.

UCB's Rayopp RC was selected from a range of films. According to McVitie's, its seal integrity even at low temperaing flexible packaging is required." explains Martin Scarlett, marketing manager for opp products at UCB Films (Wigton, Cumbria CA7 9BG tel: 06973 42281, fax: 49305).

The biaxially oriented film is coated on both sides with an aqueous acrylic dispersion. The film's properties include good moisture protection and aroma barrier, says UCB.

ufacturer's roll wrap equip-

reasons for the choice.

ment, clarity and gloss were all

"Rayopp RC is a high per-

formance yet cost-effective

alternative wherever eye-catch-

#### Requested ping trays from their ranges. Deleting one of two from a choice of 200 is nothing to them," says national accounts sales manager David Darby. Many smaller-sized bakers

There has been heavy

investment in equipment by Masterform, culminating in the purchase of another Rossform auto pack thermoformer. Earlier this year, Masterform (MDM House Rainham Road South, Dagenham, Essex - tel: 081-595 4145, fax: 081-593 6500) became part of the

MEDIA INFORMATION 1994/5 MEDIA INFORMATION 1994/5 MEDIA INFORMATION 1994/5



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## MEDIA INFORMATION 1994-1995



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packaging resin saw a demand

growth of almost 10 per cent in

1993." So said Keith Mitchell,

director of PCI (Xylenes &

"This must be compared

with far lower growth rates,

sometimes negative, in other

packaging applications," he said,

adding that "1993 saw the

groundwork laid for further significant demand growth in 1994

and beyond," He also referred

to the trend towards a greater

proportional use of pet for pack-

aging products such as mineral

water and for sheet, rather than

container applications.

North America

Polyesters).

continues to grow

M Wolpert reports.

tonnes of pet containers, if

they can get more communities

to organise the collection of

higher quality material, he said.

He listed the established

The Plastics High Performance Packaging

Engineers - European Sections, was held earlier

this year in Dusseldorf. It dealt prominently with

latest technological development in processing

this polymer. Speaker at the conference Viadimir

Pinter of Johnson Controls

International said that the total

plastic heat set (hotfill) in the

US and Canada had increased

from 5 million units in 1987 to

100 million in 1990. In 1992, it

had increased to 650 million, in

1993 it was 1,010 million and it

was expected to reach 1,200

million this year, and 1,400

Injection Moulding Systems in Canada referred to 96 cavity moulding machines with an output of 1,860 pound per how.

His speech was headed Desgn-

ing the plastic injection plant for

the year 2000 and he talked of

the advantages over previous 48

cavity, 300 ton machines with

the new equipment. The new 96

cavity 600 tonne machines run

Sauli Tormala or TopWave

Instruments said that "the

TopWave preform quality

tester has been designed to pre-

form the free-blow test as fast

and easily as possible. The lat-

est microprocessor technology

enables fully automatic testing

sequences with several pro-

grammable features, he said.

tages of the warm preform

Henk van Manen of Rigi Ltd

said that warm preform - one

stage system (WP) offers many

advantages over cold preform-

multistage systems (cp) in

making pet bottles, for bothin-

house and resale production

ry service to full

turnkey con-

At CPE.

on-going

research and

development

about weight

reductions and

efficient use o

In a paper entitled Advan-

at 93 per cent efficiency.

Marjan Stosic, of Husky

million in 1995.

pet growth of the packaging market and the

When RPC Containers set up its Blackburn site in 1988 it was to develop its injection moulded range of pp small conference, sponsored by the Society of Plastics pots, but the factory now houses seven per machines and increasingly, the bottles and containers produced are cus-

> Initially, the company began by producing wide mouth jars

tor confecsnack food products as catering size packs sauces an

es in mar kets lik these are at indication

den Road, Guide, Blackburn, Lancs BB1 2PX - tel: 0254 682298, fax: 583752). Philip Jones, RPC Black-

now being packed in pet.

tually to retail packs.

onnaise project, the concept of squeezy pet was originally developed in the US, where a squeezy bottle for the brand has been available for some time. CPC UK Ltd approached RPC, who already supply the company with pet catering jars and pp small pots,

> line by the end of 1998 and, Eastman's pet manufacturing capacity is expected to increase from the current 727,000 tonnes to 1,045,000 tonnes by

"We are experiencing unprecedented worldwide demand for pet and considering all the options to meet this market need as quickly as pos-

In the UK, Eastman can be

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bottle neck with skirt holding the pack tightly

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## World demand for pet Emphasising pet custom mouldings to develop a similar bottle for

the UK market.

Key to the squeezy nature

"Pet in itself is a strong

of the bottle is its oval shape.

material and not particularly

easy to squeeze so the design

of the bottle is critical,"

explains Mr Jones. "The oval

shape provides a wide middle

section where pressure can be

most effec-

applied to

squeeze the

bottle,

which was

introduced

earlier this

year, is pro-

mono laver

per, offer

ing excel

lent barrier

to maintair

properties

inroads that

tional strongholds for glass. says the company (Hasling-

> burn's sales and marketing manager, is confident that pet will continue to make inroads into markets where glass has up until now held sway, particularly among high value consumer products.

> More recently, the site has begun to produce a squeezy 340ml pet bottle for CPC UK Ltd's leading brand, Hellmann's mayonnaise and, perhaps even more significantly, some coffee brands are also

Although initially only catering sizes of coffee are involved, RPC believes the trend could well spread even-

On the Hellmann's may-

tion of a popular squeezy bottle format in pet," says CPC UK's purchasing manager, Peter Lavcock. "At the same time, it was essential that we retained the correct image and positioning of the product." According to Mr Jones, as well as replacing glass containers in many instances, per is

brand leader, so it is fitting that

we should offer a first in the

marketplace with the introduc-

also creating its own opportunities. Last year, for example, RPC worked with KP Foods to produce the small pet tube for KP's nut range. A larger version will be on the shelves

Around £3 million, including the purchase of a range of Nissei injection stretch blowmoulding machines capable of producing containers in sizes rom 250ml up to 5 litres, has been invested by RPC since the carly 90s. "We are serious about our specialisation in pet," says Mr Jones, "and our machine specification means we can produce containers with neck diameters from as low as 28mm right up to 140mm.

#### The world pet demand (virgin resin material) increased for packaging from 1.2 million tons in 1990 to 1.4 million tons in 1991, to 1.7 million tons in 1992 and to an estimated 1.9 million tons in 1993. In his presentation, Increasing the recovery rates of pet containers in Europe, Vince

Matthews, director of PET-CORE (Pet Containers Recycling Europe) explained that the aim of the organisation "is to raise the quantity of pet containers recovered from domestic waste streams and deliver it to the recyclers."

Pet recyclers have the

recyclers of post consumer per containers in Europe as: Reko, The Netherlands

Reprise, UK

 Wellman, The Netherlands Polyrecycling, Switzerland Tecoplast, Italy.

Furthermore, he added, Texplast by in the Netherlands were currently developing recycling facilities and this could only help the increasing number of schemes spreading across Europe.

Several presentations on the latest developments in the processing of pet were made throughout the conference.

In the paper Pet for hotfill

## Pet switch needs technical help

ised the plastics packaging industry and today, its applications are widespread. Producers of a range of products as diverse as edible oils, mineral and beers have

all adopted the material for their

But, warns Continental

PET Europe (CPE), although

be a sound economic move, it

still represents a major step, par-

ticularly for smaller companies.

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has brought waters, solt drinks A selection from Continental PET UK's latest range of bottles increasingly

assessment is vital, says the company (The Willowbrook Centre, Curver Way, Steel Road, Corby, Northants upgrading from alternative NN17 5XN - tel: 0536 401424, packaging materials to pet can

fax: 265723). CPE is the largest producer of pet preforms and bottles for soft drinks in Europe and the company offers customised

pet as well as the more economical use of production resources. More sophisticated production techniques, allied to computer aided design, has opened the way to containers in more exciting shapes and

colours, says the company. For further K9 Gall for detail

Eastman Chemical Company, the world's largest producer of pet for packaging applications has announced that it intends to increase its annual pet manufacturing capacity by 45 per cent by the end of 1998.

Harry H Holliman, vice president and general manager of Eastman's Container Plastics Business Organisation. says the capacity increase will be made possible by the construction of new plants as well as process improvements.

A 118,000 tonne pet plant in North America will be on

when combined with additional capacity resulting from new plants in Mexico and Spain, the fourth quarter of 1998.

sible," says Holliman.

contacted on: 0442 241171.



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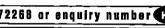
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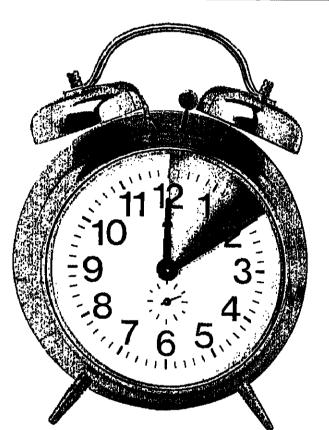
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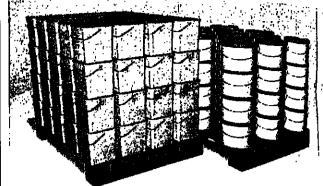
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Thurgar Bolié's range of square plastics containers: a better fit

## **Square containers** fit 80 on a pallet

Four colour wraparound print, tamper evidence and better pallet use are among the advantages of Thurgar Bollé's range of square plastics containers.

Available in 2.5, 5 and 10 litre sizes, the containers will fit, n the largest size, 80 on a pallet as compared to 52 round containers of the same volume. A high nesting density, reduced warehousing and transport costs and better use of shelf space all result, says the company.

Moulded in food-grade copolymer pp, the containers have an antistatic additive and have been tested for compliance with European Directive standards for contact with food.

According to Peter Hinds of RHM's McDougalls Catering Foods, which has been using square containers for dry soups and using shrink sleeves, the in-built tamper evidence would be an advantage. On the SQ range, this means a breaktab at one corner of the container which gives access to the lid edge once broken away.

While oblong containers have been available in Europe

for some time, Thurgar Bolle believes that the way forward is with squares. It was first into the European market with large general purpose square containers, says the company (Telford Way, Kettering, Northants NN16 8UY - tel 0536 410 [11, fax: 310151), with the introduction of the 10 litte version in 1992.

Four colour printing on all four sides can be provided to photographic half-tone quality if required. This 360deg inhouse printing is achieved in a single pass. On-mandrel w drying is said to improve image quality and print speed.

A peclable lid adds to the

security of the closure generally. "We've achieved a tremendous amount of lid-fit security," marketing director Matt Hankins tells PN.

for spray, bead or slot nozzle The company is planning expansion of the square range coating applications. over the next few years. Its PS range of round containers already covers volumes from 2.5 to 25 litres.

field for RPC, as the Fabean

and Polycan plastics container

business was bought from the

CarnaudMetalbox Group at

not alter any continuing supply

agreements, says RPC, and the

move is said to further

strengthen its position in the

plastics paint can market RPC

has been producing its

Paintainer range of containers

since the mid 80s at its

This latest purchase will

the end of 1991.

## Paint can acquisition

RPC Group ple has acquired the plastics paint can business from Lawson Mardon Packaging, a division of Alusuisse Lonza Holdings Ltd of Zurich for a sum of £1.2 million.

The assets from the Lawson Mardon Plastics' Industrial Containers division in Suttonin-Ashfield include the Metrican container and the Florence plastics can which is a tamper evident version manufactured exclusively for ICI Paints. It is the second acquisition in this

## Liquid drum addition

Responding to chemical industry demand, PD Plastics has extended the scope of its Eurotainer range with the addition of a 30 litre capacity drum.

There are now six in the range of 'square-round,' liquid carrying drums, blow moulded in hospe in 10, 12.5, 15, 20, 25 and now 30 litre sizes. Secure closures available include bungs and screw caps with anti-pilfer and tamper evident features, says the company (1 Paxton Place, Plimbo, Skelmersdale, Lancs WN8 9QH - tel: 0695

Oakham plant (0572 723771). 23641, fax: 51803).

The smaller drums meet the needs of suppliers to the catering and institutional markets, while the 25 litre size is certified to UN Group 1 for carriage of dangerous goods. The 12.5 and 20 litre drums have Group II certification.

PD Plastics is currently seeking UN certificates for the later additions to the range.

According to the company. its 25 per cent increase in Eurotainer sales this year is down to the effective use of space in storage and transit offered by the 'square-round' profile of the containers.

## Hot melt | European action on legislation system

CONTRACT

machinery:

health and

safety require-

cases has been

subjected to

type approval

by an app-

• carries CE

roved body

marking and other information.

At the end of 1992, a draft

standard prEN 1010 for print-

ing and paper converting

machinery was published, for

which negotiations between

the European Standards Bodies

continues. In particular, the

insurance industry in some

countries (including the UK).

is looking for a breakdown

within the standard for differ-

It is important that this work is

completed as soon as possible

in order that there can be fair

competition across the Euro-

pean market, says Picon

(Queens House, 55-56 Lin-

coln's Inn Fields, London

WC2A 3LJ - tel: 071-831 3303,

and paper converting machin-

ery makers have been prepar-

ing for the introduction of the

European Safety Machinery

Directive, but it is important

that the European Standards

are adopted as soon as possi-

ble," says Michael Southworth,

president of Eumaprint.

"The European printing

ent categories of machinery.

Fair competition

fax: 071-831 6029).

ments

Picon, the organisation which plying the printing, publishing. pulp, paper-

making and converting industries, is now the sccretariat and Michael Southworth the president, of Eumaprint.

Eumapring is the European Committee of Printing and Paper Convert- Michael Southworth has been ing Machinery made president of Eumaprint

Benefits of the HB4000 Manufacturers series include a wide range of and its member associations units covering bulk tanks rangcover Switzerland, Germany, ing from an output of 4 kilos France, Italy, Sweden, Spain, the an hour up to 50 kilos. All USA and UK. Its role is to act as units can include either a single a focus for the printing and conor four hose option, suitable verting machinery manufacturers in Europe, and as such, it organises the exhibition calendar, monitors European legisla-

tion and standards, and allows

industry leaders to meet togeth-

Eumaprint circulates among

nember associations on a two-

year cycle, and the UK has

taken over from the German

Michael Southworth, man-

aging director of Spooner

ndustries was elected president

He is a member of Picon's

Council and a previous presi-

dent of the British Paper

Machinery Makers Association.

The most pressing issues

before Eumaprint include the

European Harmonisation of

Safety Regulations for Printing

and Paper Converting Machinery

and renewing the current agree-

ment on the scheduling of exhibi-

beyond the year 2005.

from July for a two year term.

association, the VDMA.

The Secretariat of

er to discuss industry issues.

According to Mr Dennis, these features ensure that customers do not have to purchase a higher output system than would be cost effective. Gear or piston pump units

options

German specialist manufacturer

of industrial fastening tools

Heinrich Buchnen has launched

an extensive range of hot melt

adhesive application equipment

the end user a variable range of

purpose built machines with a

selection of interchangeable

options, so that the customer

can choose a system to meet its

particular requirements," says

Martin Dennis, business man-

ager in the UK.

"We are dedicated to giving

onto the European market.

are available if compressed air is a problem and the applicators can include sophisticated microprocessor controls or modular temperature controllers can be fitted.

An additional benefit associated with the HB4000 series is that it can aid manufacturers currently using solvent based adhesives to change to a different method of production, says the company (Unit 19, Campbell Court Business Park, Bramley, Basingstoke, Hants RG26 5EG - tel: 0256 880920, fax: 880285).

Buehnen have a full range of 100 per cent solids adhesives, developed with solvent eplacement in mind.

A European Safety For further K9 Call for detalls Information 614 0839 772268 Machinery Directive that

## Software for repro

Flexo repro house MCG is now able to offer its customers a more extensive service following the installation of three Artpro origination software packages from Laserpoint (1 Moons Park, Burnt Meadow Road, North Moons Moat, Redditch, Worcs B98 9PA - tel: 0527 63322, fax: 63107).

For further K9 Call for details information 616 0839 772288



The Man Roland MDP 800 four colour metal decorating pres

## Multi-colour service for metal decorating

The world's first metal decorating press capable of printing four or six colours in one pass the MDP 800 - has been launched by Man Roland.

Until now, all metal decorating presses have only been available as one or two colour machines, but the redesigned R800 series press now offers multi-colour aluminium and steel printing.

According to Keith Gatfield, sales director of UK agent PPS, "the new Roland press will give specialist tin printers the opportunity to provide their customers with a

high quality full colour product, and with shorter lead times." The MDP 800 prints four or six colour wet-on-wet ink with conventional metal decorating inks. Two colours are printed in one gripper bite, giving precise register. The press has no intermediate drying stations.

The machine is available in two, four or six colour versions from PPS (Dover House, 141 Morden Road, Mitcham, Surrey CR4 4XB - tel: 081-648 7090, fax: 081-640 6604).

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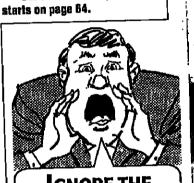
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TURN TO THE BACK

UNIVERSAL KNIVES

## **Graphically confused?**

Confused about the practical applications of graphics tech-

progress through the hall in Exhibition Companies (081 - 948)9800, fax: 13 081-948 9877), the organiser of the Graphic Communications exhibition which takes place 27-29

Birmingham, says Confused? Find out the answers at The Graphic Communications exhibition

the answers at the show. The event has been

month at

the NEC,

manipulaplant in Wrexham. and com-

**Jogical** sequence.

From input

designed so that delegates

plus special event offers.

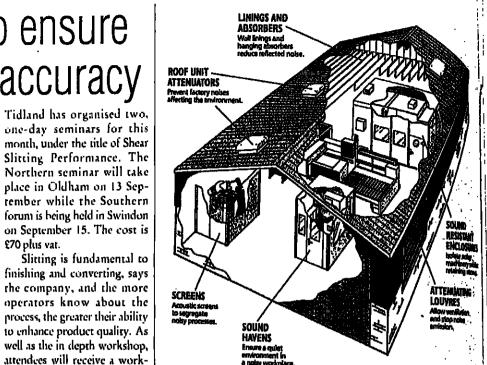
slitting converted laminated municaboard in-line, at web widths Ir costs of 1650mm and at speeds up to 450 metres a minute. It will achieve a slit width accuracy ter. Pre-regup to ±0.05mm while allowing respositioning times of under delegates one minute, says Tidland (70/72 Manchester Road, one of the Denton, Machester M34 3PR tel: 061-320 7242, fax: 061-320 4513). information pack, the Job Bag

 To aid users and potential users of slitting equipment,

Helping to ensure slit width accuracy

ESP(R)-electronic slitter posione-day seminars for this tioning system from Tidland month, under the title of Shear (UK) Ltd for installation at its Slitting Performance. The packaging material production Northern seminar will take place in Oldham on 13 Sep-It will be installed at the tember while the Southern forum is being held in Swindon end of next month, and will be

> £70 plus vat. Slitting is fundamental to finishing and converting, says the company, and the more operators know about the process, the greater their ability to enhance product quality. As well as the in depth workshop, attendees will receive a workbook and all course materials from the day.



## **Tackling noise at work**

To combat the increasing pressure that the Health and Safety Executive (HSE) regulations place on employers in terms of controlling noise in the workplace, Sargents Acoustics has launched a new division to tackle this issue.

Part of the Hunter International Group, Sargents' products cover the complete range of acoustical hardware, including sound resistant screens. enclosures and doors, acoustic barriers, isolated floors and ceilings, duct and fan mounted attenuators, vibration isolators and attenuating louvres.

Historically, the company has concentrated on supplying its products to the building and allied trades but, predicts managing director Philip Northfield, 40 per cent of its noise and vibration control equipment will be supplied to manufacturing industry in two years time.

The Noise at Work Regulations which came into force in January 1990 impose a duty on the employer and employee to

prevent damage to the hearing of workers from excessive nos in the workplace. The law requires that steps be taken to reduce the risks of exposure to noise at specific action levels. "It is worth bearing it

is films by installing platform scales and label printers from mind that if you have to show Meuler-Toledo Ltd. to be clearly heard from about two metres, you probably have Sidlaw's factories at Glasgow and Grangemouth had a a noise problem," says Mr recurring problem in the form Northfield. According to Mr of dust which collected on rolls Northfield, ear defenders are of printed polypropylene film often seen by the HSE as a last while they were waiting to be resort, not a total solution. Companies are also individually wrapped, weighed, labelled and put onto pallets

Supplier of flexible packaging

to the snack foods industry

Sidlaw Packaging-Scotcell has

overcome problems of dust on

A maior

The factories' ten flexo press-

es each turn out one 20kg roll

of film every three minutes

and, with 95 per cent of its

output destined to be used for

food packaging, the slightest

risk of contamination was a

required to carry out noise assessments, which is why Sagents has appointed a national UK network of independent professional acoustical consultants. These consultants are not employed by Sargents, and so will therefore undertake at unbiased assessment, says the company (111 Mills Road, Quarry Wood Industrial Estate, Aylesford, Kent ME20 7NB tel: 0622 791 10<u>7,</u> fax: 791095).

> major headache. RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE RETRO SERVO SYSTEMS FOR POLY BAG MACHINES FAST QUIET RELIABLE FLEXIBLE COST EFFECTIVE

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## Solventless lamination quickly commissioned

Installation of a solventless laminator from Schiavi at converter Brand Packaging involved, along with the benefits of an appeal to Continental customers, especially fast commissioning, says the company. Brand had turned out two

major jobs in the first two weeks after the installation of the Eco Convert "Junior". The laminator was delivered on a Monday and by Wednesday afternoon it was up and running," says Dave Moorcroft, sales director at the company

Brand already had two laminators, and was interested in adding solventless to its range. "We'd been looking at solventless for two or three years, and felt that we should go forward

with it," says Mr Mooreroft.

With markets such as Germany specifying solventless adhesives, Brand now says it has the ability to compete headon with Continental converters in their own markets. Materials run on the machine have already included a coffee wrapper for a German manufacturer.

> "Speeds up to 300m a minute"

Speeds can reach up to 300m a minute, laminating a web up to 1250mm in width, says the

Other benefits of the system, says Brand, include finer

from the lack of the drying area typical of traditional laminators, giving a shorter web path.

Over a year ago, Brand installed a Schiavi Concorde Universe six-colour gravure press and, so as to maximise productivity, have complemented it with a Bobst Registron automatic defect detection system. The most recent upgrade to the system involves Defect Plus, for even tighter control of colour defects, and automatic reel reports, giving a printout of any faults.

By using the S-3400, Brand is able to run the press at up to 250m a minute. The system was originally designed for eigarette carton printing, explains

demand zero detects. Similar standards are increasingly being demanded in flexible packaging, says the company.

#### "Cigarette companies demand zero defects"

UK agent for Schiavi and Bobst Registron equipment is Eurograv Ltd (Sprint Industrial Estate, Chertsey Road, Byfleet, Surrey KT14 7BD tel: 0932 336262, (ax: 336271).

Brand, which supplies flexible film-, foil- and paper-based materials to a range of sectors from snacks to toiletries, exports around 20 per cent of its production. Plant now consists of three gravure presses, one flexo, three laminators, an extrusion coater/laminator and a waxing machine.

For further K9 Gall for details information 160 0639 772268

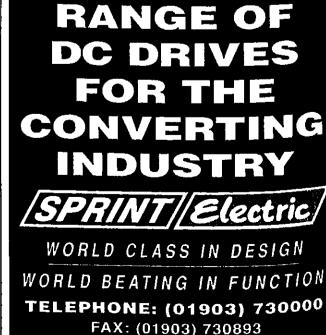
## MANAGORIA ZIPIGILERIA REKARASIRI KARINGAN PER The Common Comment with the Comment of the Comment CONTRACTOR OF THE PROPERTY OF THE PARTY OF T SLITTERS REWINDERS RESPOSLERS Duplex Slitter/Rewinders Models 10-60 & 20-60 Zircon Models 30-60 & 45-60 Respooler/Rewinders Rewinder/Slitters Diamond Series 32-30 Rewinder/Slitters

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> Tel: 0473 710912 Telex: 987123

Fax: 0473 719137

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Call on 8839 772268 or enquiry number K9-696

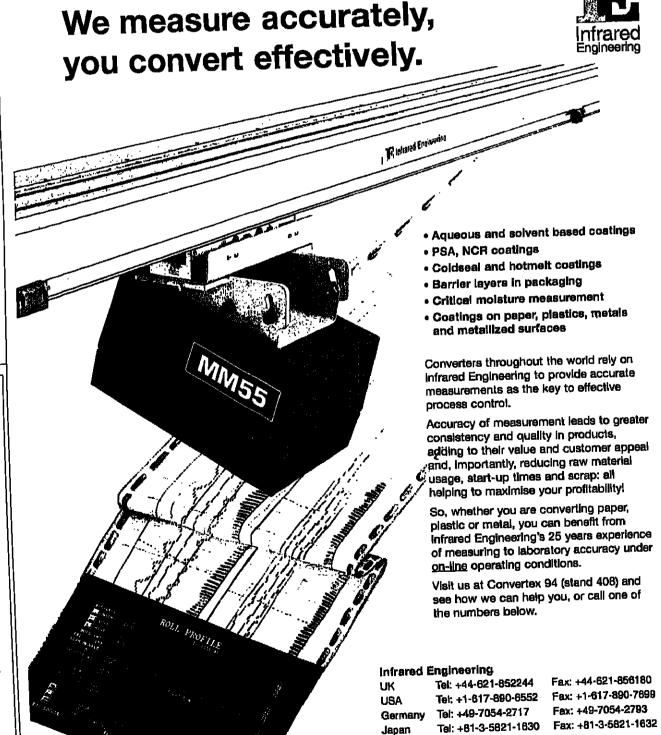
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COMPACT &

**VERSATILE** 

Flexible solution to dust Discussions between Mettler-Toledo and Sidlaw has resulted in a solution involving the transfer of the weighing operation directly to the production machines, combined with the automating of the roll and pallet labelling process. This has been achieved by introducing platform scales and label printers from Mettler-Toledo (64 Boston Road, Beaumont Leys, Leics LE4 1AW tel: 01162 357070, fax: 366399). Each of the ten lines is now linked to a 60kg capacity Mettler KB60 platform scale and an 1D5 control terminal which automatically produces a label on a Mettler GD46 printer, showing the roll's nett weight along with the date and cus-

tomer details. The full pallet load is then reweighed and a further ticket issued recording the gross weight of rolls despatched.



Call on 0839 772268 or enquity number K9-693

PACKAGING NEWS/SEPTEMBER 1994 THE SIET & STORE TO A TOWN OF THE 1994

20~23 September 1994 **NEC Birmingham UK** 

For four days in Suptember 1994, the European converting industry will gather at Birmingham's National Exhibition Centro.

The reason is Convertex 94 - a unique accasion for the converting industry, and the only exhibition of its type to be held in the UK.

Don't miss this opportunity to see the latest technology from major manufacturers and suppliers of machinery, ancillarios and all materials which contribute to the conversion of paper, board, film and foil.

This year, there is even more for visitors to Convertex, with seminars and conferences dealing with Flexography and Quality issues.

For your complimentary tickets to Convertex 94, contact the ticket hotlines: by fax 081 948 9877 by phone 081 948 9861

## Fax back coupon

(Hotel)

Call on 0839 772268 or enquiry number K9-675

CONVERTEX PREVIEW

From Luraflex GmbH

comes the recently patented

Luraflex spreader roller, said to

be a proven alternative to the

conventional bowed roller.

According to the company, the

non-driven spreader roller pre-

vents creases and is effective at

contact angles from 25 to

180deg, depending on substrate

expanding shafts and chucks

range from Vorwald GmbH, a

As well as the established

and web tension.

## **Exhaustive recovery**

An extensive range of equipment and systems from Simplex Turbulo Company Ltd's principal companies, all designed for the converting market, will be demonstrated.

From Air Products GmbH will be Cryo-Solve recovery systems which use the principle of low temperature condensation to recover exhaust process solvent used in the paper, film and foil converting industries as well as efes and waste solvent products from other industrial processes.

new safety chuck which has a Visitors can also discuss the non-rotating locking mechanism will be demonstrated, says range of high vacuum roll to roll coaters from Galileo Vacu-UK agent Simplex-Turbulo um Tec spa, which can be used (Wherwell Priory, Wherwell, on all types of metallised plas-Andover, Hants SP11 7JH - rel: tics film, paper and paper-0264 860186, fax: 860180). board. The metallised films Stand: 229 produced on the coaters allow aluminium foil to be replaced

EXCLUSIVE / AGENTS

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Fax:0117 9720470 Stand No.117



chucks which are specifically designed for the paper and converting industries will be shown by Tidland (UK) Ltd.

Included in the range of air shafts will be carbon fibre technology units, designed for strength and lightness, says the company (70/72 Manchester Road, Denton, Manchester M34 3PR - tel: 061-320 7242, fax: 061-320 4513),

including the 800 and 957 series. These feature one pine external elements, said to provide minimal downtime for maintenance purposes. Also demonstrated will be the Series C Knifeholden. The design is said by Tidlad to integrate easy adjustment

core shafts will be shown

accuracy and safety. For visitors interested in the electronic slitter position ing system (ESP) available from the company, the unit | will be demonstrated on video. Stand: 308



## Modern flexo on display

Visitors to this month's Convertex exhibition will

be able to see the latest developments from

nearly 100 companies. A series of seminars

two of the three day event.

under the Flexo Forum banner will also run for

The show takes place in Hall 10 of the NEC.

Birmingham, 20-23 of this month. Further

Information is available from organiser Read

Exhibition Companies (tel: 081-948 9800, fax:

On the next four pages, we preview just some

081-948 9989). Converting World will be on

stand 506 so please come and visit us.

of the products to be demonstrated.

The advantages of modern day flexo will be shown on the EFTA, the UK European Flexographic Technical Association stand, with displays of winners of this year's flexo print awards.

Traintin courses

Details of literature and training courses will also be available at the show. The next hands-on course is 'Understanding the flexo process'

November in Cheshire, while the next seminar is called 'Consistent print quality - the key to increase profits' and is on 2 October.

Further information is available from EFTA secretary Tony Bath (7 Limerick Ross, Redland, Bristol BS6 7DXtel/(ax: 0272 246965). Stand: \$14



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20-23 SEPTEMBER

STAND 308

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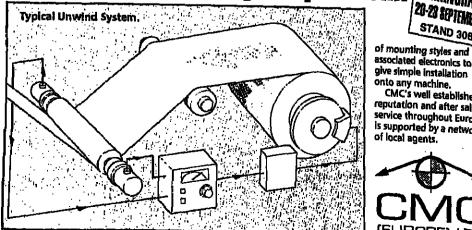
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# Tension Specialists for the Converting Industry. A Complete Solution to your problem. REMINGHAM

CMC (Europe) Ltd, UK's leading web tensio specialists, have already many applications in the web and cable industries, where accurate control of the

product tension, has brought immediate sayings, and The range of materials successfully handled vary from tissue and other delicate webs, to steel strip and webs up to 5 metres

These well proven trans. ducers have a wide range

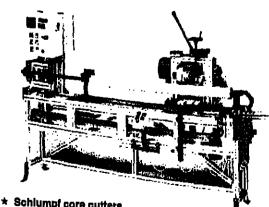


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CC-SERIES **CORE CUTTERS** 



Schlumpf core cutters are available in manual or semi-automatic

\* Standard CC-series core cutters can put paperbo cores with Inner diameters of between 25 and 150mm.

\* Various models to suit log lengths of from / SEE USAT CONVERTEX

> ARROWKIVE EQUIPMENT LIMITED Und 17 Variations Business Paris, Business Land, Studie Risk IV. Hafter California Own PG9 508 - Business California (1982-194) - Teathe California

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CONVERING

CONVERTEX PREVIEW

## **Transmission reliability**

Power transmission equipment from SEW Eurodrive Ltd which is said to now meet virmally every customer's specific requirement, will be on show.

The product range encompasses geared motors of Helical, Helical-Worm and Helical-Bevel forms, which are world famous for reliability. says the company (Beckbridge Industrial Estate, Normanton, W Yorks WF6 1QR - tel: 0924 893855, fax: 893702).

This year, SEW Eurodrive has adopted sole responsibility for the sales and servicing of the Santasalo Gears Ltd's range of heavy industrial gear units. These units are available in parallel, right angled and planetary drive configurations.

Stand: 310

Small selection of SEW Eurodrive Ltd's helical geared motor range

**Satisfying** 

lifting and

regulations

Equipment to satisfy the lifting

and handling regulations, espe-

cially the movement and turn-

ing of reels of paper and film,

will be shown by Bucon Ltd.

A manual reel swing sus-

pended from an articulated

arm, capable of moving reels

from the axis vertical to hori-

zontal position will be shown.

Arm will be a handler for

small shafts up to about 100kg

in weight, says the company

(Denton Drive Industrial

Estate, Northwich, Cheshire

CW9 7LU - tel: 0606 47711,

EUROGRAV

fax: 40272).

Stand: 360

Also featured on a Bionic

handling

## Rotary and flat bed converting range

customised machines can be

designed as required, says

Edale (Budds Lane, Romsey.

Hants SO51 0HA - rel: 0794

According to the company

the advantages of both rotary

and flat bed die cutting

machines is that they increase

productivity. The move from

sheet fed machinery to con-

verting in reel form has meant

that converting can be com-

bined with printing in just one

Edale has invested in

updating its design and manu-

facturing facilities and can now

offer computer aided design

from its in-house retd division.

pass, says the company.

524422, fax: 513703).

Edale Ltd is exhibiting at the line, and semi-special or totally show to increase awareness of its rotary and flat bed converting equipment for die cutting, punching, laminating, perforating, slitting and sheeting.

"Developed over the vears for use with flexo or screen presses

The company's standard range of rotary and flat bed converting machinery has been developed over the years for use with Edale's flexo or screen presses as well as PB&E's hot foil stamping presses. These

Stand: 140 units can be either in or off

## Static charge systems will provide big cost savings

A complete range of static climinators will be shown by Arrowquint Ltd, including de units and those approved for hazardous areas.

On the stand will be many innovative applications of static charging systems which are said to have provided customers with large cost savings and production benefits.

These applications have come from the increasing potential that static charging systems offer in the areas of holding and controlling paper and film products, says the company (Derllwyn House, Lamb Lane, Ponthir, Newport, Gwent NP6 1HA - tel: 0633 422292, fax: 430041). Stand: 513

or further K9 Call for details aformation 607 0839 772288

## EBERGRIP MACHINERY FOR CONVERTERS



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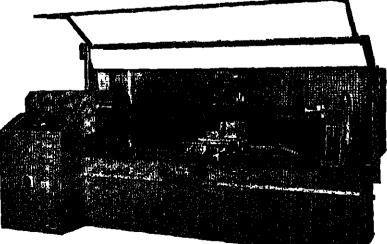
THE "CUTTING EDGE"

OF LATHE CUTTING TECHNOLOGY

One of Europes most popular makes of lathe slitting and log winding equipment is now a major force in the UK tape converting industry. To find out why contact Eurograv......

model C to the fully automatic L1600/50 (pictured right) F.E.B.A. have been setting the standard for longer than you think with machines that are 'designed to perform and built to last'

From the semi

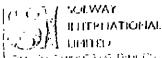


Milan, design and machines in house. combining their proven experience with specifications to suit your actual needs.

This Internationally recognised firm manufacturers a wide range of log winders for 1" through to 3" core id's and lathe slitters up to 600mm in diameter.

**EUROGRAV LIMITED** Sprint Industrial Estate, Chertsey Road, Byfleet, Surrey, England, KT14 7BD Tel: 0932 336262. Int: 44-932-336262 Fax: 0932 336271. Int: 44-932-336271

Call on 0839 772268 or enquiry number K9-690



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FIAC 175W, 15W, 15W,
FIAC 175W, 15W, 15W,
FIAC 175W, 15W, 15W,
FIAC 175W, 15W, 15W,
FIAC 175W, 15W,
FIAC 175W,
FIAC 1

AFEX 60 MM, ROT, 250 MM DIE, 1300 MM
DOWNSTREAM
AFEX 60 MM, ROT, 380 MM DIE, 1800 MM
DOWNSTREAM
OLOENCO 3 LAYER CO EX HOPE LINE
DOLCI 75 MV, 1300 MM DOWN STREAM,
TWIN WINDER
KIEFEL ROTEX 40 (4)
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90 MM BIELLOW, BACK TO BACK WINDER,
NIPS, 300 MM DIE
75 MM REGRI BOSSI, NIPS, WINDER > DIE
RECLAM
FALZOMI MINI 50

78 MM REGHI BOSSI, RIPS, MINDER VOIE
RECLAIM
FALZONI MINI 60
HYDRECLAIM UNIT
PROCESS CONTROL UNIT (ASR)
1981 SIKOPLAST 140-90 AND 160/110
ALPINE RE160/80, 1884
GLOENCO 80 MM, 40 STRAND DIE, CUMBERLAND PELLETIZER
FLENO CI
MANZONI 6 COL.,4 C1 + 4 STACK, 890 MM
WEB, 1989, P6375
SIMON VK CENTRAFLEX 434, 4 COL., 47'
WEB, 36' SPLICING, P4601
SIMON VK CENTRAFLEX 450., 6 COL., 47'
WEB, 36' SPLICING, P4801
CMF PRESTIGE, 6 COL., 1480/MM WEB, 1991,
P6321 P6321 PADANE ZODIAC, 6 COL., 1350 MM WEB, 1986, P6312

1972, P8299 W&H OLYMPIA 738, 6 COL., 1320 MM WEB 1977, P8293 CMF MIRAGE, 6 COL, 1450 MM WEB, 1984

CMP MINAGE, B COL, 1430 MM VES. 1899.
P8116
COMEXI 98UCH, 6COL, 1450 MM, 1988, P8413
CARRARO MONOCOROFLEX, 6 COL, 1450
MM, P8147
MAF GALAXY, 6 COL, 1460 MM, 1988, P5159
FLEXO STACK
CARRARO RUENER, 4 COL, 1000 MM WES,
1870, P8305
MAJZONI NEZA 704, 4 COL, 1850 MM WES,
1860, P8230 1989, P6239 F&K 33 DF, 4 COL IN 6 COL FRAME, 1100 MM WES, 1981, P6277 OMALFLEX 1200, 4 COL., 1280 MM WEB, 1988, P8219 MAF, SUPEREXPORT, 4 COL.,800MM, 1973.

MAF. SUPEREATORN, & COL., 8000M, WEB. 1991.
P8077
OMALINLINE, 4 COL., 1600 MM WEB. 1991.
P8200
FLEXOTECHNICA 228. 6 COL., 1050 MM
WEB. 1084. P4887
OMALFLEX 130. 8 COL. 1700 MM WEB. 1989.
P8278
CARINT 1234. 4 COL., 950 MM WEB. 1982.
P8380
MANIZONI NESAFLEX. 6 COL., 1270 MM WEB.
1883. P8229
C.E.M., 4 COL. INLINE. 1380 MM WEB.
P8300/P8301
FLEXOTECHNICA, 2 IN 4 COL. FRAME. 1980
AMM WEB. P8187
ROTOGRAVURE
ANDREOTTI, 6 COL., 860 MM, ALTO, SPLIC-

PS188 MOLWEG, 8 COL, 810 MM, NON STOP UW/RW, PACKAGING FILMS, P6178 ROTOMEC, 7 COL, 1000 MM, PACKAGINI

FILMS, P6046 FECMO HELIO 308, 8 COL, 650 MM. 1876,

TECMO MELIO 306, 8 COL, 850 MM, 1876, P5027
CERUTI C10, 10 COL, REVERSING UNIT, LAST UNIT WAX & COLD SEAL, P8328
ROTOMEC, ROTOLUX, 4 COL, 980 MM WEB 1870, P8324
CERLTTI JBR, 8COL, 900 MM WEB, 800 MM UWRW, P8334
COATING LAMINATING EAN EXTRUSION COATING LAMINATING LINE 1100MM, P8018
POLYTPYE SOLVENTLESS', 1040 MM 1976, P5006
BONE EXTRUSION COATING LINE, P6097
BUBANI DRY LAMINATOR, FLUA TO FILM. 1200 MM, CIRCA 1877, P8141
'WAN MARICATER, PS012ENTLESS, 1400
MM WEB, 1981, P8382
UTECO FAINBOW DRY LAMINATOR, 1050
MM WEB, P8100
ROTOMEC ROTOCONVERT, WET & DRY LAMINATOR, 8088
KROENERT PA4 520, WAX LAMINATOR,

LAMINATOR, P6088
KROENERT PAK 820. WAX LAMINATOR,
1280 MM, P6102
POLYTYPE SQLVENTLESS LAMINATOR,
1280 MM, P6313
SULTINO/SHEETIMG/EARDOSSING
DUSENBURY DX500. CENTRE SURFACE.
1600 MM WEB, FILMB, P8425
HARNDEN BH, 930 MM, SHEAR CUT. BINOLE RW, NONEXT FILMB AND LAMS, P6168
ELDEC PAPER BLITTER, 1150 MM WEB, 1000
MM UNWIKID, 800 MM REWIND, P6060
TITAN SRS, 1300 MM WEB, 1000 MM UW,
DUPLEX 800 MM RW, P6191
KAMPP, 1300 MM WEB, 600 MM UW,
DUPLEX 800 MM RW, P6196
OUSENBURY TYPE, 1480 MM WEB,
CENTRESURFACE SLITTER, P8016
BIMEC, 1400 MM, DUPLEX, P8420
GOEBEL RD1000, PAPER BLITTER, 1000
MM WEB, P5088
HEIDERMAIN, 800 MM, REEL TO REEL
EMBORSER, P6300
STRACHAN & HENSHAW SHEETER, MODEL
1400HS, P6417
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CONVERTING CONVERTEX PREVIEW

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chester M34 3WD - tel: 061-

336 4702, fax: 061-335 0100.

Stand: 40

## Single colour reel to reel Straight line

chucks and A recent version in the Reflex range of reel to reel flexo printing machines - a single colour 500mm wide model - will be bleed valves launched by Cooper Printing Equipment Company Ltd. Machines in the Reflex Equipment from Alanco-Ala-

range are designed to be easily matic Ltd to be launched affordable workhorses, and includes straight line chucks, were originally launched at 'balanced' thruster bleed valves lpex last year, where they attracted considerable interest The straight line chucks on from converters of many difshow are a quarter tonne range, ferent types of material, says designed to suit a 30mm square the company (Heathfield reel bar, while the 'balanced' Works, Leyton Road, Harpenthruster bleed valves have been den, Herts AL5 2IB - tel: 0582 specially developed for reel ten-764431, fax: 768608). sion control. The company is at

The Reflex range comprises straightforward, robust and highly economic in-line, reel to reel machines in one to four colours, and from 500mm to 1 metre wide. All are suitable for

**LEAF SHAFT 3000 SERIES** 

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gripping prevents

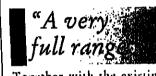
Designed in modular form, Reflex units can be configured

required, says the company. Stand: 245

## **Tension control firsts**

Montalvo Series 3000 tension control equipment will be shown for the first time in the UK at the Convertex show by Arrowhive Equipment Ltd.

The Series 3000 consists of the Model S-3000 digital tension contoller, the Montalvo X-3000 tension controller, the Model U-3000 tension controller with ultrasonic sensor and the Model D-3000 dancer roll controller.



Together with the existing equipment, Montalvo now has the most comprehensive range of tension control related equipment on the market, says Arrowhive (Unit 11 Vanalloys Business Park, Busgrove Lane, Stoke Row, Nr Henley-on-Thames, Oxon RG9 5QB - tel: 0491 682044, fax: 682117).

The prime objective of all nodels in the Series 3000 range is to provide precise tension com on any moving web by regulaing either pneumatic chiches brakes and, depending of model, drive applications

sion indicators and transduc-

"Precise

control"

ers, brakes and clutches.

advanced closed loop tension controller and uses a Diamatic control algorithm to ensure uniform control response regardless of roll diameter. h may be used in unwind. rewind and intermediate tersion applications and provide for fast and very precise tell stion control. Stand: 212

The S-3000 is the mos



841100, fax: 841166).

## Sleeves and sheeters

CONVERTEX PREVIEW

The Speedwell sleeves system and the range of sheeters from Strachan Henshaw Machinery Ltd will both be demonstrated at the show.

Development of the Uvi-

flex 508 press follows intensive

uv research, says E&B (Buck-

ham House, Lenten Street,

Alton, Hants GU34 1HH - tel:

0420 82421, fax: 89193). A

Warm welcome

for flexopress

which has been given in Italy

to a new CI flexopress with uv

drying has prompted manufac-

turer Flexorecnica to promote

the machine at the show on

UK agent Engelmann and

**Practical** 

Vacuumatic will introduce its

Mini-Management system' for

printing presses, said to pro-

vide a cost effective and practi-

cal means of controlling waste

and reducing costs while simul-

ancously producing essential

Accurate, on-press, sub-

division of printed material is

schieved by using an Electronic

counter and controller (ECC). .

says the company (Brunel Way,

Severalls Industrial Park,

Colchester, Essex - tel: 0206

quality control information.

control

Speedwell sleeves are a lightweight, demountable image carrier made from GRP and with the special internal taper for non-slip application. They are already used by many hundreds of companies in flexo and gravure printing all over the world, says the company (Deep Pit Road, Speedwell, Bristol BS5 7UZ - tel: 0272

517272, fax: 522401). Tissues, food and sweet vrappers, wallpaper and even fabrics are just some of the produces printed using Speed-

reelstand" SI-IM expects to have an SU

300 recisiand on show, one of the new shaftless unwind stands. Visitors will also be able to discuss all matters relating to sheet cutting. Stand: 314

national types of corrugating

individual

retainers.

#### BRIEFS

CONVERTING

unveiled at Italy's recent GEC RANGE OF DC STATIC Blim1nation products, including The eight colour demonanti-static air guns, nozzies stration version prints at up to and blower will be launched by 180mpm and has been The Process Control Company designed for all plastics films. (tel: 0296 84877). This will be including ldpe, Ildpe, opp and added to the X-Stat range of pet as well as paper. The print products from the company. width is 800mm and there is a tand: 345

Equipped with Flexoteeni-PRIDE OF PLACE on the Dalmec ca's FNC numerical control Ltd (tel: 0258 814420), stand system, the Uviflex provides will be the Dalmec drum tipper pre-register with automatic vhich is fitted with pneumatiand sequential mesh of the cally actioned tooling to allow plate cylinder gears. It also any operator to lift and tip a boasts the new Safelink system drum through 180deg. which ensures safe and easy Stand: 330 cylinder changes through a

DAROL PLASTIC MACHINERY robotic system. Ltd (tel: 0767 677320) will Many features, such as the introduce the Flexo compact drum coating, have been spechambered doctor blade syscially designed to cater for uv, tem which is a lightweight, while the level of computerisastainless steel chamber with tion and automation has been Internal end seals and doctor set to achieve optimum eight blades which can easily be colour production. changed without tools.

An edge-guide and Corona treater are incorporated. Stand: 208

remotely operator-driven

lemonstration model was

repeat range of 250-650mm.



years, leading to the range

being extended to give further

benefits to users of the system.

*"SU 300* 

Shaftless

unwind

OBDEN CHADWICK (UK) Ltd division. Nim-Cor (tel: 061-620 5520), will show a selection of reel handling products including traditional button, strip and lug configuration type airhafts in steel and aluminium construction, along with its new 80 series airshaft. material rechnologies have Stand: 216 been seen over the last few

Stand: 414A

COMCO INTERNATIONAL, Eneray Sciences, Flacher & Krecke, HCI, Polytype and Georg Senn will all be represented on the Edion Machinery Ltd (tel: 071-609 2266) stand. These companies manufacture equipment as varied as flexo presses and paper sack making machines. Stand: 406

TORQUE ACTIVATED core chucks, lightweight airshafts, a non-stop slitting module and an airshaft for narrow web plications will be demonstrated by Orion Machinery Ltd (tel: 0453 890881). Stand: 237

## Our Airshafts Out-Perform The Rest! អាចជាលិចឆ្នាំងនេះធ្វើសាសាមួន ISCONVALITION TO DISCONNECTION OF THE TIME ाना तामकास्थाता स्थापना स्थापना स्थापना । Drukg of William Braund . May K.

The Partily para appeal bear governors in the Call on 0839 772268 or angulry number (49.674)



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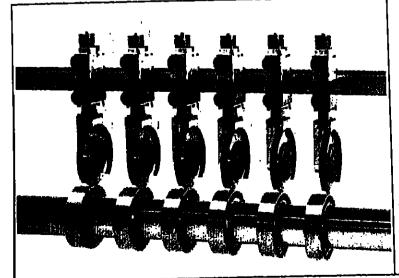
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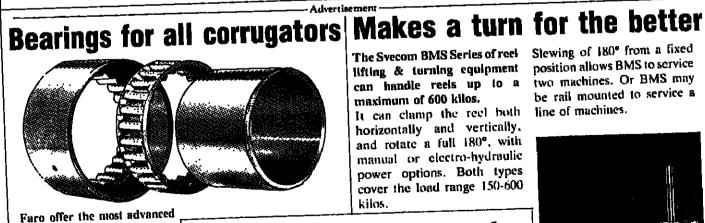
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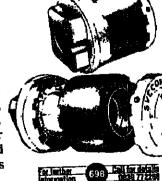
maximum of 600 kilos. It can clamp the reel both line of machines.

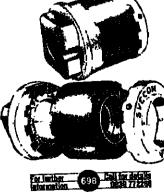
horizontally and vertically. manual or electro-hydraulic ower options. Both types cover the load range 150-600

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with the Svecom 715/PG A choice of radial or thrust types, precision engineered expanding chuck from cylindrical roller designs - in Jarshire. The 715/PG has a rubber sizes ranging from 15mm bore expanding body, which is to I(KK)mm o/d. Customers recessed for easy insertion into may specify straight rings.

the core. Expansions of 76mm bronze cages and bronze end to 350mm can be specified, according to chuck size. Clearances and key-slots to Options include round or Optional double lip outer ring. | square mounting bores, and flanges for winding machines with moveable arms.



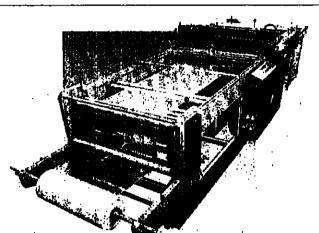




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PACKACING NEWS/SEPTEMBER 199 PACKAGING NEWS/SEPTEMBER 1994



## MACHINES FROM WOODBANK

machines was introduced in 1988 and has proved very reliable even during "round the clock" usage. In addition to the M1050 single track and M1250 twin

We will part exchange W1050 machines for the new "M"

Reconditioned W1050 machines are often available.



BAGMAKING

38 2000 Evoluzione paper bagmaker: produces flat or satchel bags

or satchel bags from plain or cutting unit has been reposimetallised paper and aluminium foil from 30 to 120gsm, the tioned to provide greater access machine offers a speed up to and easier replacement of the 800 a minute. The size range die cutter and size changes, 240-740mm long and 80points out UK agent Edlon 320mm wide with a bottom Machinery (Edlon House, fold depth of 20mm for flat or Ashburton Grove, London N7 7AA - tel: 071-609 2266, fax: gusseted bags. Compared with earlier 071-700 4833). Maximum dou-Castaldini bag makers, the die-

530mm, which can be achieved at maximum speed. In particular, the die cut

ters are now adjusted by push buttons with single traverse control located on the main panel while parallel traverse control is located on the side of the die-cutting unit itself. ble die-cut bag length is These operate servo motors connected to a mechanical jack, fitted on the die-cutter shaft, to move the die-cutting bars in relation to the counter pressure rubber roller. Manual microadjustments for punching act ing directly on the jack, are

#### **Pneumatic lifting**

The EIS 2000 is able to accept reels up to 1000mm wide and in diameters up to 1000nm, or 1200mm on request. A pneumatic lifting system raises the reel from floor level into the unwind station. Web tension is maintained by a pneumatically operated disc brake. For complete in-line bas

production and print, Casuldini's Flexografica E 100 flexopress can be coupled to the bag machine, providing up to four colours.

#### BAGMAKING

## Press-button control for die cutters Immediate change of winding style

Immediate change from connected perforated bags on a roll to separated, overlapped bags can be achieved on an American built bag winder now available in the UK from Filmflex Machinery, agent for manufacturer CMD diameter, 330mm wide.

This, together with the ability to vary the degree of overlap while the machine is running, contributes to high productivity by avoiding the downtime usually required for manual adjustment says Filmflex (West Street, Worsbrough Dale, Barnsley, South Yorks S70 5PD - tel: 0226 730123, fax: 0226 249595).

The CMD model 4013-RO Rotary Overlap Poly Bag Winder is servo motor driven

den PP Sideweld bagmaking

pany and is

to 1250mm.

machine

an optional system to load cores automatically. Speed is up to 183 metres/min and the machine is able to handle overlap bag lengths from 305 to 3175mm. Maximum finished roll size is 254mm

#### Automatic roll banding

For in-line finishing an automatic roll banding system can be supplied.

Also available from Filmflex is the Nishibe range of stand-up and three-side seal pouch-making machines, including models designed specifically to handle the high

Cheshire SK14 2BP - tel: 061-

To pro-

gauge laminate stand-up pouches now used for paint, lubricating oil and detergent, in sizes from 2 litres upwards.

#### "High seal 🕆 integrity"

These thick gauge single and multi-layer laminate bags demand high seal integrity, points out Filmflex, and therefore servo drive and multiple scaling sequences are employed to maintain optimum seal times and therefore seal quality, independent of machine speed. Ancillary equipment is

available to provide pouches with reclosable zippers for bulk packed products such as petfood, reclosable screw thread pouring spouts and punched out handles. Centrally scaled pouches with gusseted sides can also be made.

(⊕

## Resealable tape for bags

CAPARKING

Resealable adhesive tape manufacturer Sealking has appointed Brattle Adhesive Materials as sole UK distributor.

Developed specifically for production of resealable polyethylene and polypropylene bags, Polypeel tape can be cut by hot wire and has a permanent adhesive on one side and neelable adhesive on the other. This allows rescalable bags to he produced in an improved, fume-free working environment, compared with solventbased systems, says Brattle (M2, Cherrycourt Way, Stanbridge Road, Leighton Buzzard, Beds LU7 RUH - tel: 0525 382233, fax: 0525 851324).

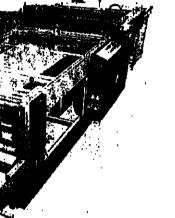
Polypeel is an 8mm wide tape mounted offset to left or right on a 15mm release liner.

For further K9 Call for details information 625 0839 772268

The Amount of



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## change via pre-set tools

**CONVERTING** 

change are among

making machinery

Capable of producing flat

the main recent

Complete size change in 15-20 minutes is said to be possible on the Holweg RS-25 paper bag maker as a result of presetting the tools off-machine.

**Complete size** 

Capable of producing an average 625 bags a minute over an 8-hour shift, the machine uses a perforating tool that can be interchanged in similar fashion to the plate cylinder of a flexo press, explains UK agent Linro (Lowesden Works, Lambourn Woodlands, Newbury, Berks RG16 7RU - tel: 0488 72525, fax: 0488 72302).

"The perforating blades are precisely pre-set, so it is not necessary to make further adjustments when starting the machine," the company adds.

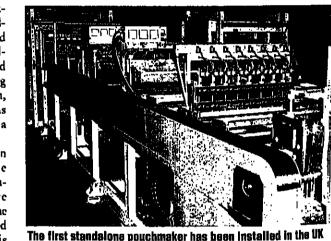


## Pouch-maker for medical devices

Standalone plastics pouchmaking machinery has been developed by Coating and Laminating Systems for medical device packaging, and offers a wide choice of bag length, from 50 to 2500mm, catering for devices such as catheter sets that require a 1500mm bag.

Designed as a companion system to a laminating line developed by CLS for pharmaceutical and medical device pouch material, the first of the pouchmakers is now installed within the UK, where it is operating in a clean-room environment. A second has been shipped to the USA for a

similar application. Computer controlled, with a colour graphics display and full data logging facilities, the pouch maker was designed



machine, says Phillip Hopley, director at CLS (Bank Works, Tuel Lane, Sowerby Bridge,

machine that is "economically

THE BEST

**UV CURING** 

LAMPS IN

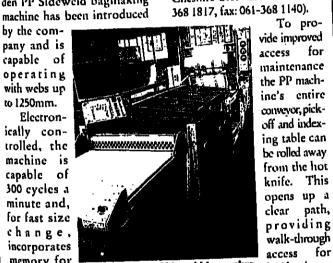
THE WORLD

West Yorks HX6 2EO - tel: 0422 835692, fax: 0422 831167). This, he adds, provides a

attractive to commercial bagmakers generally."

UV TECHNOLOGY

A universal cutting station provides a choice of rotary, razor or crush cut slitting.



Working with wider webs

A wider version of the Harn- den (Manchester Road, Hyde,

all product The Harnden PP Sideweld bagmaker knife clean-

settings. These adjust automatically once the produce reference number has been entered at the keyboard explains Harn-

ing or other maintenance, says

## **Wicket control of welding**

wicketed bagmaker with separate servo drives for film transport and welding has been ntroduced by German manufacturer Lemo, allowing welding times, temperature and pressures to be set independent of machine speed.

This, says the company,

quality largely independent of

has an output of 350 cycles a minute. In the UK it is marketed by Sullivan Plastics Machinery (PO Box 161, Biddenham, Bedford MK40 4EX - tel: 0234 349888, fax: 0234 350900).

provides constant welding

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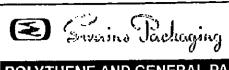
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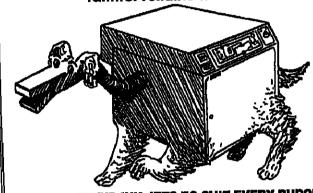
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You will provide a central resource of expertise and up-to-theminute knowledge of packaging development, in order to support new strategic product/packaging initiatives and advise on day-to-day packaging issues at individual sites throughout the Ut. You will seek out new packaging materials and opportunities, maintain a library of packaging developments and ensure the confidentiality and defensibility of packaging

nited Biscuits is one of the world's leading food groups developed in-house. You will also advise on safety, legal and

With a science degree and at least one year's post graduate experience in the packaging industry, you must have a good understanding of the chemistry and physics of materials and surfaces. Innovative, creative and practical, you must have a good eye for functionality and design. You must also be able to "sell" new ideas and persevere even when strongly resisted. Excellent communication and interpersonal skills are essential.

We offer a competitive salary and comprehensive benefits plus

Please send your full c.v. and a covering letter to Fraser Murray, Personnel Manager, United Biscuits (UK) Limited, Church Road, West Drayton, Middlesex UB7 7PR



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